N O T I C E

THIS DOCUMENT HAS BEEN REPRODUCED FROM MICROFICHE. ALTHOUGH IT IS RECOGNIZED THAT CERTAIN PORTIONS ARE ILLEGIBLE, IT IS BEING RELEASED IN THE INTEREST OF MAKING AVAILABLE AS MUCH INFORMATION AS POSSIBLE

CR-159819
PWA-5650-50

MODEL AERODYNAMIC TEST RESULTS FOR TWO VARIABLE CYCLE ENGINE COANNULAR EXHAUST SYSTEMS AT SIMULATED TAKEOFF AND CRUISE CONDITIONS

COMPREHENSIVE DATA REPORT
VOLUME II
TABULATED AERODYNAMIC DATA
BOOK 3

By D.P. Nelson

Commercial Products Division
Pratt & Whitney Aircraft Group
United Technologies Corporation

RECEIVED
NASA STI FACILITY
ACCESS DEPT.

(NASA-CR-159819-Vol-2-Bk-3) MODEL AERODYNAMIC TEST RESULTS FOR TWO VARIABLE CYCLE ENGINE COANNULAR EXHAUST SYSTEMS AT SIMULATED TAKEOFF AND CRUISE CONDITIONS. COMPREHENSIVE (Pratt and Whitney Aircraft

N81-17084

Unclas
G3/07 41400

Prepared for
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Lewis Research Center
Under
Contract NAS3-20061

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 05:49:09.054 FAC 8X6X1 PGM C034 RDG 1971

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	15.399	1.0182	0.56463	0.81782	0.72200
37	15.739	1.0407	0.57795	0.83586	0.82000
47	15.829	1.0466	0.58035	0.84063	0.91900
52	15.309	1.0123	0.56121	0.81305	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	16.178	1.0697	0.59317	0.85920	0.69200
67	15.469	1.0228	0.56717	0.82154	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.119	0.99972	0.55435	0.80297	0.56400
82	13.701	0.90593	0.50234	0.72763	0.63500
92	15.149	1.0017	0.55545	0.80456	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.650	0.96868	0.53713	0.77803	-1.0000
-112	14.585	0.96439	0.53475	0.77459	-1.0000
-122	14.840	0.98123	0.54409	0.78811	-1.0000
-127	14.950	0.98849	0.54812	0.79395	-1.0000
-137	15.004	0.99213	0.55014	0.79687	-1.0000
-142	15.149	1.0017	0.55545	0.80456	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.650	0.96868	0.53713	0.77803	0.31900
112	14.585	0.96439	0.53475	0.77459	0.34000
122	14.840	0.98123	0.54409	0.78811	0.38600
127	14.950	0.98849	0.54812	0.79395	0.43400
137	15.004	0.99213	0.55014	0.79687	0.46100
142	15.149	1.0017	0.55545	0.80456	1.0000
152	15.154	1.0020	0.55563	0.80483	-1.0000
157	15.154	1.0020	0.55563	0.80483	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.154	1.0020	0.55563	0.80483	-1.0000
-157	15.154	1.0020	0.55563	0.80483	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.840	0.97859	0.54263	0.78599	0.79300
172	14.850	0.98189	0.54446	0.78864	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	15.074	0.99675	0.55270	0.80058	0.79300
187	14.685	0.97099	0.53842	0.77989	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFIT REC 11/02/79 05:51:51.939 FAC RX6X1 PGM C034 RDG 1972

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
37	8.4494	0.56006	0.22493	0.32582	0.72200
37	15.774	1.0455	0.41991	0.60824	0.82000
47	16.368	1.0849	0.43573	0.63116	0.91900
52	15.529	1.0293	0.41340	0.59880	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	17.886	1.1856	0.47615	0.68970	0.42200
67	15.444	1.0237	0.41114	0.59563	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	12.617	0.83629	0.33587	0.48651	0.56400
82	14.785	0.97999	0.39359	0.57011	0.63500
92	15.084	0.99986	0.40156	0.58166	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.565	0.96542	0.38773	0.56163	-1.0000
-112	14.515	0.96211	0.38641	0.55971	-1.0000
-122	14.785	0.97999	0.39359	0.57011	-1.0000
-127	14.890	0.98694	0.39638	0.57415	-1.0000
-132	14.930	0.98959	0.39744	0.57569	-1.0000
-142	15.084	0.99986	0.40156	0.58166	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.565	0.96542	0.38773	0.56163	0.31800
112	14.515	0.96211	0.38641	0.55971	0.34000
122	14.785	0.97999	0.39359	0.57011	0.38600
127	14.890	0.98694	0.39638	0.57415	0.43400
132	14.930	0.98959	0.39744	0.57569	0.46100
~~142~~	~~15.084~~	~~0.99986~~	~~0.40156~~	~~0.58166~~	~~1.0000~~
~~152~~	~~15.079~~	~~0.99953~~	~~0.40143~~	~~0.58147~~	~~-1.0000~~
~~157~~	~~15.084~~	~~0.99986~~	~~0.40156~~	~~0.58166~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	15.079	0.99953	0.40143	0.58147	-1.0000
-157	15.084	0.99986	0.40156	0.58166	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.725	0.97602	0.39199	0.56780	0.79300
172	14.475	0.95947	0.38534	0.55817	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.930	0.98959	0.39744	0.57569	0.79300
187	14.520	0.96245	0.38654	0.55990	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

MASS-LEWIS PRELIMINARY DATA 06/15/79 CADDELL PEC 11/02/79 05:54:40.574 FAC 8X6X1 PGM C034 PAG 1973

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.303	1.0181	0.56276	0.81814	0.72200
37	15.232	1.0406	0.57515	0.83629	0.82000
47	15.827	1.0469	0.57866	0.84125	0.91900
52	15.398	1.0125	0.55966	0.81363	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.187	1.0707	0.59181	0.86037	0.42200
67	15.448	1.0218	0.56477	0.82106	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	15.138	0.99994	0.55272	0.80353	0.56400
82	13.709	0.90673	0.50119	0.72863	0.63500
92	15.148	1.0019	0.55381	0.80513	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.643	0.96854	0.53536	0.77830	-1.0000
-112	14.588	0.96491	0.53335	0.77538	-1.0000
-122	14.838	0.98143	0.54248	0.78866	-1.0000
-127	14.938	0.98804	0.54614	0.79397	-1.0000
-137	15.003	0.99234	0.54851	0.79742	-1.0000
-142	15.158	1.0026	0.55418	0.80566	-1.0000

>ADDITIONAL PRESSURE RATIOS , FDPERBODY INLET

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.643	0.96854	0.53536	0.77830	0.31900
112	14.588	0.96491	0.53335	0.77538	0.34000
122	14.838	0.98143	0.54248	0.78866	0.38600
127	14.938	0.98804	0.54614	0.79397	0.43400
137	15.003	0.99234	0.54851	0.79742	0.46100
-142	15.158	1.0026	0.55418	0.80566	-1.0000
-152	15.148	1.0019	0.55381	0.80513	-1.0000
-157	15.148	1.0019	0.55381	0.80513	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.158	1.0019	0.55381	0.80513	-1.0000
-157	15.148	1.0019	0.55381	0.80513	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.783	0.97780	0.54047	0.78574	0.79300
172	14.838	0.98143	0.54248	0.78866	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.068	0.99664	0.55089	0.80088	0.79300
187	14.678	0.97086	0.53664	0.78016	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

RUN 37

VASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 05:57:59.150 FAC 8X8X1 PGM C034 REG 1974

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.6625	0.57403	0.20948	0.35135	0.72200
37	11.526	0.76380	0.27873	0.46752	0.82000
47	15.603	1.0340	0.37732	0.63288	0.91900
52	15.518	1.0283	0.37526	0.62943	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
52	17.256	1.1435	0.41739	0.69994	0.42200
67	15.408	1.0210	0.37260	0.62497	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.441	0.75817	0.27668	0.46407	0.56400
82	12.849	0.85088	0.31051	0.52082	0.63500
92	15.089	0.99986	0.36487	0.61201	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.579	0.96609	0.35255	0.59134	-1.0000
-112	14.529	0.96278	0.35134	0.58931	-1.0000
-122	14.804	0.98099	0.35799	0.60046	-1.0000
-127	14.914	0.98827	0.36065	0.60492	-1.0000
-137	14.974	0.99224	0.36210	0.60735	-1.0000
-142	15.093	1.0002	0.36499	0.61221	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.579	0.96609	0.35255	0.59134	0.31900
112	14.529	0.96278	0.35134	0.58931	0.34000
122	14.804	0.98099	0.35799	0.60046	0.38600
127	14.914	0.98827	0.36065	0.60492	0.43400
137	14.974	0.99224	0.36210	0.60735	0.46100
-142	15.093	1.0002	0.36499	0.61221	-1.0000
-152	15.093	1.0002	0.36499	0.61221	-1.0000
-157	15.093	1.0002	0.36499	0.61221	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.093	1.0002	0.36499	0.61221	-1.0000
-157	15.093	1.0002	0.36499	0.61221	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.744	0.97701	0.35654	0.59803	0.79300
172	14.149	0.93762	0.34216	0.57391	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.824	0.98231	0.35847	0.60127	0.79300
187	14.344	0.95186	0.34736	.58263	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFII REC 11/02/79 06:24:17.117 FAC 8X6X1 PGM C034 RDG 1975

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.275	0.98719	0.54719	0.92508	0.72200
37	14.389	0.99445	0.55122	0.93188	0.82000
47	14.410	0.99652	0.55237	0.93383	0.91900
52	14.440	0.99859	0.55351	0.93577	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.500	1.0027	0.55581	0.93965	0.42200
67	14.895	1.0300	0.57094	0.96523	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.160	0.97924	0.54279	0.91763	0.56400
82	12.671	0.87626	0.48571	0.82113	0.63500
92	14.435	0.99825	0.55332	0.93544	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.395	0.99548	0.55179	0.93285	-1.0000
-112	14.390	0.99514	0.55160	0.93253	-1.0000
-122	14.385	0.99479	0.55141	0.93221	-1.0000
-127	14.385	0.99479	0.55141	0.93221	-1.0000
-137	14.355	0.99272	0.55026	0.93026	-1.0000
-142	14.440	0.99859	0.55351	0.93577	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.395	0.99548	0.55179	0.93285	0.31900
112	14.390	0.99514	0.55160	0.93253	0.34000
122	14.385	0.99479	0.55141	0.93221	0.38600
127	14.385	0.99479	0.55141	0.93221	0.43400
137	14.355	0.99272	0.55026	0.93026	0.46100
-142	14.440	0.99859	0.55351	0.93577	1.0000
-152	14.445	0.99894	0.55371	0.93609	1.0000
-157	14.445	0.99894	0.55371	0.93609	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.445	0.99894	0.55371	0.93609	-1.0000
-157	14.445	0.99894	0.55371	0.93609	1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.395	0.99548	0.55179	0.93285	0.79300
172	13.666	0.94503	0.52383	0.88558	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.891	0.96058	0.53245	0.90015	0.79300
187	13.796	0.95402	0.52881	0.89400	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFII REC 11/02/79 06:26:41.416 FAC 8X6X1 PGM C034 ROG 1976

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.974	0.96664	0.45966	0.77253	0.72200
37	14.484	1.0019	0.47643	0.80071	0.82000
47	14.644	1.0130	0.48169	0.80955	0.91900
52	14.474	1.0017	0.47610	0.80016	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.824	1.0254	0.48761	0.81949	0.42200
67	14.834	1.0761	0.48794	0.82005	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.313	1.0593	0.50372	0.84657	0.56400
82	13.159	0.91029	0.43287	0.72750	0.63500
92	14.424	0.99775	0.47446	0.79739	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.384	0.99499	0.47314	0.79518	-1.0000
-112	14.379	0.99464	0.47298	0.79491	-1.0000
-122	14.374	0.99430	0.47281	0.79463	-1.0000
-127	14.369	0.99395	0.47265	0.79435	-1.0000
-137	14.339	0.99188	0.47166	0.79270	-1.0000
-142	14.434	0.99845	0.47479	0.79795	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.384	0.99499	0.47214	0.79518	0.31900
112	14.379	0.99464	0.47298	0.79491	0.34000
122	14.374	0.99430	0.47281	0.79463	0.38600
127	14.369	0.99395	0.47265	0.79435	0.43400
137	14.339	0.99188	0.47166	0.79270	0.46100
~~-142~~	~~14.434~~	~~0.99845~~	~~0.47479~~	~~0.79795~~	~~-1.0000~~
~~-152~~	~~14.439~~	~~0.99879~~	~~0.47495~~	~~0.79822~~	~~-1.0000~~
~~-157~~	~~14.439~~	~~0.99879~~	~~0.47495~~	~~0.79822~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.439	0.99879	0.47495	0.79822	-1.0000
-157	14.439	0.99879	0.47495	0.79822	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.379	0.99464	0.47298	0.79491	0.79300
172	13.599	0.94072	0.44733	0.75181	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.839	0.95721	0.45522	0.76507	0.79300
187	13.724	0.94936	0.45144	0.75872	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDETT REC 11/02/79 06:28:09.628 FAC 8X6X1 PGM C034 RDG 1977

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.448	0.79235	0.31830	0.53404	0.72200
37	14.107	0.97642	0.39224	0.65810	0.82000
47	14.712	1.0183	0.40906	0.68631	0.91900
52	14.542	1.0065	0.40434	0.67839	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.047	1.0415	0.41837	0.70194	0.42200
67	14.802	1.0245	0.41356	0.69051	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.448	0.86156	0.34610	0.58068	0.56400
82	13.183	0.91242	0.36653	0.61496	0.63500
92	14.407	0.99718	0.40058	0.67209	0.69200

>ADDITIONAL PRESSURE RATIOS , FJFCTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.357	0.99372	0.39919	0.66976	-1.0000
-112	14.352	0.99337	0.39905	0.66953	-1.0000
-122	14.352	0.99337	0.39905	0.66953	-1.0000
-127	14.352	0.99337	0.39905	0.66953	-1.0000
-137	14.317	0.99095	0.39808	0.66789	-1.0000
-142	14.427	0.99856	0.40114	0.67302	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.357	0.99372	0.39919	0.66976	0.31900
112	14.352	0.99337	0.39905	0.66953	0.34000
122	14.352	0.99337	0.39905	0.66953	0.38600
127	14.352	0.99337	0.39905	0.66953	0.43400
137	14.317	0.99095	0.39808	0.66789	0.46100
142	14.427	0.99856	0.40114	0.67302	1.0000
152	14.432	0.99891	0.40128	0.67326	1.0000
157	14.432	0.99891	0.40128	0.67326	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.432	0.99891	0.40128	0.67326	-1.0000
-157	14.432	0.99891	0.40128	0.67326	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.357	0.99372	0.39919	0.66976	0.79300
172	13.402	0.92764	0.37265	0.62522	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.777	0.95359	0.38307	0.64271	0.79300
187	13.647	0.94459	0.37946	0.63665	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:29:11.769 FAC 8X6X1 PGM C034 PDG 1978

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	8.0838	0.55972	0.20403	0.34342	0.72200
37	11.019	0.76298	0.27812	0.46813	0.82000
47	13.179	0.91253	0.33264	0.55988	0.91900
52	14.404	0.99733	0.36355	0.61191	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	16.403	1.1358	0.41401	0.69685	0.42200
67	14.769	1.0226	0.37276	0.62741	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	11.654	0.80695	0.29415	0.49510	0.56400
82	11.339	0.78514	0.28620	0.48172	0.63500
92	14.389	0.99629	0.36317	0.61127	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	14.329	0.99214	0.36165	0.60873	-1.0000
-112	14.324	0.99179	0.36153	0.60851	-1.0000
-122	14.324	0.99179	0.36153	0.60851	-1.0000
-127	14.329	0.99214	0.36165	0.60873	-1.0000
-137	14.294	0.98971	0.36077	0.60724	-1.0000
~~-142~~	~~14.414~~	~~0.99802~~	~~0.36380~~	~~0.61234~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.329	0.99214	0.36165	0.60873	0.31900
112	14.324	0.99179	0.36153	0.60851	0.34000
122	14.324	0.99179	0.36153	0.60851	0.38600
127	14.329	0.99214	0.36165	0.60873	0.43400
137	14.294	0.98971	0.36077	0.60724	0.46100
~~142~~	~~14.414~~	~~0.99802~~	~~0.36380~~	~~0.61234~~	~~-1.0000~~
~~152~~	~~14.409~~	~~0.99767~~	~~0.36367~~	~~0.61212~~	~~-1.0000~~
~~157~~	~~14.409~~	~~0.99767~~	~~0.36367~~	~~0.61212~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-152	14.409	0.99767	0.36367	0.61212	-1.0000
-157	14.409	0.99767	0.36367	0.61212	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	14.324	0.99179	0.36153	0.60851	0.79300
172	12.944	0.89626	0.32671	0.54990	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	13.649	0.94506	0.34450	0.57985	0.79300
187	13.464	0.93226	0.33983	0.57199	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFIT REC 11/02/79 06:31:54.827 FAC AX6X1 PGM CG34 NOG 1979

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
32	8.2648	0.57254	0.18540	0.31265	0.72200
37	12.746	0.88296	0.28591	0.48216	0.82000
47	9.5553	0.66195	0.21434	0.36147	0.91900
52	14.321	0.99206	0.32124	0.54173	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	18.204	1.2611	0.40836	0.68866	0.42200
67	14.760	1.0225	0.33111	0.55838	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	11.476	0.79498	0.25742	0.43412	0.56400
82	10.446	0.72362	0.23431	0.39515	0.63500
92	14.386	0.99656	0.32270	0.54419	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	14.316	0.99171	0.32113	0.54154	-1.0000
-112	14.311	0.99136	0.32101	0.54136	-1.0000
-122	14.316	0.99171	0.32113	0.54154	-1.0000
-127	14.321	0.99206	0.32124	0.54173	-1.0000
-137	14.291	0.98998	0.32057	0.54060	-1.0000
-142	14.406	0.99795	0.32315	0.54495	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	14.316	0.99171	0.32113	0.54154	0.31900
112	14.311	0.99136	0.32101	0.54136	0.34000
122	14.316	0.99171	0.32113	0.54154	0.38600
127	14.321	0.99206	0.32124	0.54173	0.43400
137	14.291	0.98998	0.32057	0.54060	0.46100
~~142~~	~~14.406~~	~~0.99795~~	~~0.32315~~	~~0.54495~~	~~1.0000~~
~~152~~	~~14.406~~	~~0.99795~~	~~0.32315~~	~~0.54495~~	~~1.0000~~
~~157~~	~~14.411~~	~~0.99829~~	~~0.32326~~	~~0.54514~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-152	14.406	0.99795	0.32315	0.54495	-1.0000
-157	14.411	0.99829	0.32326	0.54514	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	14.311	0.99136	0.32101	0.54136	0.79300
172	12.796	0.88643	0.28703	0.48405	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
182	13.566	0.93976	0.30430	0.51318	0.79300
187	13.296	0.92106	0.29825	0.50296	0.84400

>SECTION C MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	8.4449	0.58529	0.16313	0.27548	0.72200
37	15.793	1.0991	0.30338	0.51252	0.82300
47	11.266	0.78703	0.21935	0.37072	0.91900
52	14.471	1.0029	0.27952	0.47238	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	20.734	1.4370	0.40050	0.67683	0.42200
67	14.791	1.0251	0.28570	0.48282	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.266	0.91941	0.25625	0.43305	0.56400
82	7.7496	0.53710	0.14969	0.25298	0.63500
92	14.366	0.99564	0.27749	0.46895	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.291	0.99044	0.27605	0.46650	-1.0000
-112	14.286	0.99010	0.27595	0.46634	-1.0000
-122	14.291	0.99044	0.27605	0.46650	-1.0000
-127	14.311	0.99183	0.27643	0.46716	-1.0000
-137	14.286	0.99010	0.27595	0.46634	-1.0000
-142	14.396	0.99772	0.27807	0.46993	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.291	0.99044	0.27605	0.46650	0.31900
112	14.286	0.99010	0.27595	0.46634	0.34000
122	14.291	0.99044	0.27605	0.46650	0.38600
127	14.311	0.99183	0.27643	0.46716	0.43400
137	14.286	0.99010	0.27595	0.46634	0.46100
-142	14.396	0.99772	0.27807	0.46993	-1.0000
-152	14.396	0.99772	0.27807	0.46993	-1.0000
-157	14.401	0.99806	0.27817	0.47009	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.396	0.99772	0.27807	0.46993	-1.0000
-157	14.401	0.99806	0.27817	0.47009	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.281	0.98975	0.27585	0.46618	0.79300
172	12.591	0.87194	0.24302	0.41069	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.566	0.94020	0.26204	0.44284	0.79300
187	13.256	0.91872	0.25606	0.43272	0.84400

>STATION 5 , MEASURED THRUST PARAMETERS

PUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:36:09.300 FAC 8X6XL PGM C034 ROG 1381

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	9.5693	0.66324	0.16986	0.27113	0.72200
37	17.313	1.2000	0.30738	0.49054	0.82000
47	13.059	0.90514	0.23186	0.37002	0.91500
52	14.069	0.97513	0.24979	0.39863	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	24.005	1.6638	0.42620	0.68016	0.42200
67	14.834	1.0281	0.26337	0.42030	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.643	1.0843	0.27774	0.44324	0.56400
82	11.769	0.81573	0.20896	0.33347	0.63500
92	14.374	0.99626	0.25520	0.40727	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.284	0.99002	0.25360	0.40472	-1.0000
-112	14.284	0.99002	0.25360	0.40472	-1.0000
-122	14.299	0.99106	0.25387	0.40514	-1.0000
-127	14.314	0.99210	0.25414	0.40557	-1.0000
-137	14.289	0.99037	0.25369	0.40486	-1.0000
-142	14.409	0.99869	0.25582	0.40826	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.284	0.99002	0.25360	0.40472	0.31900
112	14.284	0.99002	0.25360	0.40472	0.34000
122	14.299	0.99106	0.25387	0.40514	0.38600
127	14.314	0.99210	0.25414	0.40557	0.43400
137	14.289	0.99037	0.25369	0.40486	0.46100
-142	14.409	0.99869	0.25582	0.40826	-1.0000
-152	14.404	0.99834	0.25573	0.40812	-1.0000
-157	14.409	0.99869	0.25582	0.40826	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PTTP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.404	0.99834	0.25573	0.40812	-1.0000
-157	14.409	0.99869	0.25582	0.40826	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.284	0.99002	0.25360	0.40472	0.79300
172	12.459	0.86356	0.22121	0.35302	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.634	0.94498	0.24207	0.38631	0.79300
187	13.204	0.91518	0.23443	0.37413	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

VAST-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:36:27.934 FAC 8X6X1 PGM C034 RDG 1982

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.8774	0.68459	0.17541	0.27538	0.72200
37	17.350	1.2025	0.30811	0.48370	0.82000
47	13.157	0.91181	0.23365	0.36681	0.91900
52	14.046	0.97353	0.24945	0.39161	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.789	1.7175	0.44006	0.69086	0.42200
67	14.896	1.0324	0.26454	0.41530	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	22.531	1.5616	0.40013	0.62816	0.56400
82	12.082	0.83739	0.21456	0.33685	0.63500
92	14.371	0.99605	0.25522	0.40067	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.281	0.98981	0.25362	0.39816	-1.0000
-112	14.281	0.98981	0.25362	0.39816	-1.0000
-122	14.296	0.99016	0.25371	0.39830	-1.0000
-127	14.301	0.99120	0.25397	0.39872	-1.0000
-137	14.271	0.98912	0.25344	0.39788	-1.0000
-142	14.401	0.99813	0.25575	0.40150	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.281	0.98981	0.25362	0.39816	0.31900
112	14.281	0.98981	0.25362	0.39816	0.34000
122	14.296	0.99016	0.25371	0.39830	0.38600
127	14.301	0.99120	0.25397	0.39872	0.43400
137	14.271	0.98912	0.25344	0.39788	0.46100
-142	14.401	0.99813	0.25575	0.40150	1.0000
-152	14.401	0.99813	0.25575	0.40150	1.0000
-157	14.401	0.99813	0.25575	0.40150	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.401	0.99813	0.25575	0.40150	-1.0000
-157	14.401	0.99813	0.25575	0.40150	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.266	0.98877	0.25335	0.39774	0.79300
172	12.162	0.84293	0.21598	0.33908	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.607	0.94305	0.24164	0.37935	0.79300
187	13.187	0.91395	0.23418	0.36764	0.84400

SECTION E MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:38:37.249 FAC 8X6X1 PGM C034 RDG 1983

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	8.0425	0.55800	0.20418	0.34435	0.72200
37	10.982	0.76197	0.27881	0.47032	0.82000
47	13.426	0.93154	0.34086	0.57486	0.91900
52	14.441	1.0019	0.36662	0.61830	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	16.354	1.1347	0.41520	0.70024	0.42200
67	14.870	1.0317	0.37752	0.63670	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.592	0.80428	0.29430	0.49633	0.56400
82	11.147	0.77341	0.28300	0.47728	0.63500
92	14.386	0.99811	0.36522	0.61594	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.326	0.99394	0.36370	0.61338	-1.0000
-112	14.316	0.99325	0.36344	0.61295	-1.0000
-122	14.321	0.99360	0.36357	0.61316	-1.0000
-127	14.331	0.99429	0.36382	0.61359	-1.0000
-137	14.296	0.99186	0.36294	0.61209	-1.0000
-142	14.406	0.99949	0.36573	0.61680	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.326	0.99394	0.36370	0.61338	0.31900
112	14.316	0.99325	0.36344	0.61295	0.34000
122	14.321	0.99360	0.36357	0.61316	0.38600
127	14.331	0.99429	0.36382	0.61359	0.43400
137	14.296	0.99186	0.36294	0.61209	0.46100
~~142~~	~~14.406~~	~~0.99949~~	~~0.36573~~	~~0.61680~~	~~1.0000~~
~~152~~	~~14.406~~	~~0.99949~~	~~0.36573~~	~~0.61680~~	~~1.0000~~
~~157~~	~~14.406~~	~~0.99949~~	~~0.36573~~	~~0.61680~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.406	0.99949	0.36573	0.61680	-1.0000
-157	14.406	0.99949	0.36573	0.61680	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.321	0.99360	0.36357	0.61316	0.79300
172	13.061	0.90622	0.33160	0.55924	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.691	0.94991	0.34759	0.58620	0.79300
187	13.531	0.93882	0.34353	0.57936	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 04/15/79 CASCELL REC 11/02/78 04:40:22.33Y FAC 8X6X1 PGM F034 REC 1944

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	14.215	0.98747	0.54736	0.80011	0.72200
37	14.559	1.0107	0.56025	0.81856	0.82000
47	14.645	1.0173	0.56393	0.82429	0.91900
52	14.485	1.0048	0.55698	0.81417	1.0170

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	15.043	1.0441	0.57687	0.84283	0.42200
67	14.875	1.0333	0.57275	0.83722	0.69700

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	14.165	0.98403	0.54544	0.79730	0.56400
82	12.792	0.88857	0.49254	0.71998	0.63500
92	14.420	1.0017	0.55525	0.81164	0.69200

~~ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	14.385	0.99926	0.55390	0.80967	-1.0000
-112	14.380	0.99892	0.55371	0.80939	-1.0000
-122	14.380	0.99892	0.55371	0.80939	-1.0000
-127	14.375	0.99857	0.55352	0.80911	-1.0000
-137	14.350	0.99684	0.55255	0.80770	-1.0000
-142	14.430	1.0024	0.55563	0.81220	-1.0000

ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.385	0.99926	0.55390	0.80967	0.31900
112	14.380	0.99892	0.55371	0.80939	0.34000
122	14.380	0.99892	0.55371	0.80939	0.38600
127	14.375	0.99857	0.55352	0.80911	0.43400
137	14.350	0.99684	0.55255	0.80770	0.52100
~~142~~	~~14.430~~	~~1.0024~~	~~0.55563~~	~~0.81220~~	~~1.0000~~
~~152~~	~~14.430~~	~~1.0024~~	~~0.55563~~	~~0.81220~~	~~1.0000~~
~~152~~	~~14.435~~	~~1.0027~~	~~0.55582~~	~~0.81248~~	~~1.0000~~

~~ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
~~-152~~	~~14.430~~	~~1.0024~~	~~0.55563~~	~~0.81220~~	~~-1.0000~~
~~-152~~	14.435	1.0027	0.55582	0.81248	~~-1.0000~~

ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	14.385	0.99926	0.55390	0.80967	0.79300
172	13.776	0.95693	0.53044	0.77537	0.84400

ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	13.936	0.96804	0.53658	0.78427	0.79300
187	13.861	0.96283	0.53371	0.78015	0.84400

SECTION 5 , MEASURED TURBINE PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	13.836	0.96572	0.45090	0.64731	0.72200
37	14.540	1.0114	0.48214	0.69219	0.82000
47	14.830	1.0301	0.49169	0.70601	0.91900
52	14.530	1.0093	0.48117	0.69077	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
42	15.536	1.0790	0.51442	0.73845	0.42200
47	14.870	1.0329	0.49242	0.70691	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	15.419	1.0710	0.51061	0.73303	0.56400
82	13.017	0.90414	0.43105	0.61881	0.63500
87	14.417	1.0009	0.47320	0.68507	0.69200

>ADDITIONAL PRESSURE RATIOS , FACTOR SHROUD

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	14.365	0.99782	0.47571	0.68293	-1.0000
-112	14.360	0.99748	0.47555	0.68269	-1.0000
-117	14.360	0.99748	0.47555	0.68269	-1.0000
-127	14.360	0.99748	0.47555	0.68269	-1.0000
-137	14.320	0.99470	0.47422	0.68079	-1.0000
-142	14.425	1.0020	0.47770	0.68578	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.365	0.99782	0.47571	0.68293	0.32900
112	14.360	0.99748	0.47555	0.68269	0.34000
122	14.360	0.99748	0.47555	0.68269	0.38600
127	14.360	0.99748	0.47555	0.68269	0.43400
137	14.320	0.99470	0.47422	0.68079	0.46100
-142	14.425	1.0020	0.47770	0.68578	-1.0000
-147	14.425	1.0020	0.47770	0.68578	-1.0000
-152	14.425	1.0020	0.47770	0.68578	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN SPLITTER FLAP

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-157	14.425	1.0020	0.47770	0.68578	-1.0000
-162	14.425	1.0020	0.47770	0.68578	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
162	14.365	0.99782	0.47571	0.68293	0.79300
172	13.631	0.94643	0.45073	0.64737	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	13.936	0.96735	0.46918	0.66776	0.79300
187	13.761	0.95545	0.46354	0.65975	0.84400

>>>>>>>>>> WORK (REF) TURBIT PARAMETERS

RUN 37

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9915	0.55643	0.22162	0.31981	0.72200
37	13.598	0.94682	0.37712	0.54418	0.82000
47	15.521	1.0807	0.43045	0.62114	0.91900
52	14.667	1.0212	0.40678	0.58696	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.160	1.1948	0.47588	0.68670	0.42200
67	14.867	1.0352	0.41230	0.59495	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.585	0.80663	0.32128	0.46360	0.56400
82	13.224	0.92073	0.36673	0.52918	0.63500
92	14.383	1.0014	0.39887	0.57556	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.328	0.99760	0.39734	0.57336	-1.0000
-112	14.313	0.99655	0.39693	0.57276	-1.0000
-122	14.318	0.99690	0.39707	0.57296	-1.0000
-127	14.318	0.99690	0.39707	0.57296	-1.0000
-137	14.288	0.99482	0.39623	0.57176	-1.0000
-142	14.403	1.0028	0.39942	0.57636	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.328	0.99760	0.39734	0.57336	0.31900
112	14.313	0.99655	0.39693	0.57276	0.34000
122	14.318	0.99690	0.39707	0.57296	0.38600
127	14.318	0.99690	0.39707	0.57296	0.43400
137	14.288	0.99482	0.39623	0.57176	0.46100
142	14.403	1.0028	0.39942	0.57636	1.0000
152	14.403	1.0032	0.39956	0.57656	-1.0000
157	14.403	1.0028	0.39942	0.57636	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.408	1.0032	0.39956	0.57656	-1.0000
-157	14.403	1.0028	0.39942	0.57636	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.328	0.99760	0.39734	0.57336	0.79300
172	13.363	0.93047	0.37060	0.53478	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.748	0.95725	0.38127	0.55017	0.79300
187	13.618	0.94821	0.37767	0.54498	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDEII REC 11/02/79 06:43:30.816 FAC 8X6X1 PGM C034 RDS 1997

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.5681	0.59676	0.21604	0.31550	0.72200
37	11.915	0.82987	0.30044	0.43874	0.82000
47	11.181	0.77873	0.28192	0.41170	0.91900
52	14.462	1.0073	0.36465	0.53252	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	18.581	1.2941	0.46851	0.68419	0.42200
67	14.876	1.0361	0.37510	0.54778	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.091	0.77247	0.27966	0.40839	0.56400
82	11.216	0.78117	0.28281	0.41299	0.63500
92	14.372	1.0010	0.36239	0.52921	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.312	0.99682	0.36088	0.52700	-1.0000
-112	14.302	0.99612	0.36063	0.52663	-1.0000
-122	14.302	0.99612	0.36063	0.52663	-1.0000
-127	14.302	0.99612	0.36063	0.52663	-1.0000
-137	14.277	0.99438	0.36000	0.52577	-1.0000
-142	14.397	1.0027	0.36302	0.53013	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.312	0.99682	0.36088	0.52700	0.31900
112	14.302	0.99612	0.36063	0.52663	0.34000
122	14.302	0.99612	0.36063	0.52663	0.38600
127	14.302	0.99612	0.36063	0.52663	0.43400
137	14.277	0.99438	0.36000	0.52572	0.46100
142	14.397	1.0027	0.36302	0.53013	1.0000
152	14.397	1.0027	0.36302	0.53013	1.0000
157	14.397	1.0027	0.36302	0.53013	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.397	1.0027	0.36302	0.53013	-1.0000
-157	14.397	1.0027	0.36302	0.53013	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.302	0.99612	0.36063	0.52663	0.79300
172	12.949	0.90187	0.32650	0.47680	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD NOPD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.578	0.94569	0.34237	0.49997	0.79300
187	13.368	0.93109	0.33708	0.49225	0.84400

>ADDITIONAL , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFIT REC 11/02/79 06:44:56.406 FAC RX6X1 PGM C034 RDG 1988

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	8.6706	0.60237	0.19425	0.28645	0.72200
37	13.987	0.97169	0.31335	0.46207	0.82000
47	10.020	0.69611	0.22448	0.33102	0.91900
52	14.371	0.99841	0.32197	0.47478	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
52	20.529	1.4262	0.45993	0.67821	0.42200
67	14.911	1.0359	0.33405	0.49260	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	11.464	0.79643	0.25683	0.37873	0.56400
82	10.475	0.72770	0.23467	0.34605	0.63500
92	14.371	0.99841	0.32197	0.47478	0.69200

>ADDITIONAL PRESSURE RATIOS , FOREBODY SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.296	0.99320	0.32029	0.47230	-1.0000
-112	14.296	0.99320	0.32029	0.47230	-1.0000
-122	14.296	0.99320	0.32029	0.47230	-1.0000
-127	14.306	0.99389	0.32051	0.47263	-1.0000
-137	14.291	0.99216	0.31995	0.47181	-1.0000
-142	14.391	0.99979	0.32242	0.47544	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.296	0.99320	0.32029	0.47230	0.31900
112	14.296	0.99320	0.32029	0.47230	0.34000
122	14.296	0.99320	0.32029	0.47230	0.38600
127	14.306	0.99389	0.32051	0.47263	0.43400
137	14.291	0.99216	0.31995	0.47181	0.46100
-142	14.391	0.99979	0.32242	0.47544	-1.0000
-152	14.396	1.0001	0.32253	0.47560	-1.0000
-157	14.396	1.0001	0.32253	0.47560	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.396	1.0001	0.32253	0.47560	-1.0000
-157	14.396	1.0001	0.32253	0.47560	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.296	0.99320	0.32029	0.47230	0.79300
172	12.988	0.90228	0.29097	0.42907	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.577	0.94323	0.30418	0.44854	0.79300
187	13.427	0.93288	0.29858	0.44029	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDETT REC 11/02/79 06:46:37.225 FAC 8X6X1 PGM C034 PDG 1989

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.9637	0.69213	0.19147	0.27765	0.72200
37	17.106	1.1883	0.32864	0.47669	0.82000
47	12.362	0.85871	0.23749	0.34448	0.91900
52	14.400	1.0003	0.27664	0.40126	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.162	1.6784	0.46419	0.67331	0.42200
67	14.949	1.0384	0.28719	0.41657	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.291	0.92325	0.25534	0.37037	0.56400
82	8.0347	0.55814	0.15436	0.22390	0.63500
92	14.355	0.99715	0.27577	0.40001	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.275	0.99160	0.27424	0.39778	-1.0000
-112	14.270	0.99125	0.27414	0.39765	-1.0000
-122	14.270	0.99125	0.27414	0.39765	-1.0000
-127	14.285	0.99229	0.27443	0.39806	-1.0000
-137	14.260	0.99056	0.27395	0.39737	-1.0000
-142	14.385	0.99923	0.27635	0.40085	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.275	0.99160	0.27424	0.39778	0.31900
112	14.270	0.99125	0.27414	0.39765	0.34000
122	14.270	0.99125	0.27414	0.39765	0.38600
127	14.285	0.99229	0.27443	0.39806	0.43400
137	14.260	0.99056	0.27395	0.39737	0.46100
-142	14.385	0.99923	0.27635	0.40085	-1.0000
-152	14.385	0.99923	0.27635	0.40085	-1.0000
-157	14.385	0.99923	0.27635	0.40085	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.385	0.99923	0.27635	0.40085	-1.0000
-157	14.385	0.99923	0.27635	0.40085	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.270	0.99125	0.27414	0.39765	0.79300
172	12.886	0.89515	0.24756	0.35909	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.693	0.94476	0.26129	0.37900	0.74400
187	13.286	0.92259	0.25524	0.37023	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDETT REF 11/02/79 06:47:28.134 FAC 8X6X1 PGM C034 PDC 1990

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUS

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	11.154	0.77476	0.19664	0.28498	0.72200
37	16.955	1.1777	0.29891	0.43322	0.82000
47	13.748	0.95492	0.24236	0.35126	0.91900
52	14.092	0.97863	0.24846	0.36777	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	26.368	1.8316	0.46486	0.67372	0.42200
67	15.032	1.0441	0.26503	0.38407	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	14.597	1.0139	0.25734	0.37296	0.56400
82	9.8941	0.68726	0.17443	0.25280	0.63500
92	14.357	0.99727	0.25311	0.36673	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.267~~	~~0.99102~~	~~0.25152~~	~~0.36453~~	~~-1.0000~~
~~-112~~	~~14.272~~	~~0.99137~~	~~0.25161~~	~~0.36466~~	~~-1.0000~~
~~-122~~	~~14.272~~	~~0.99137~~	~~0.25161~~	~~0.36466~~	~~-1.0000~~
~~-127~~	~~14.292~~	~~0.99276~~	~~0.25197~~	~~0.36517~~	~~-1.0000~~
~~-137~~	~~14.262~~	~~0.99067~~	~~0.25144~~	~~0.36441~~	~~-1.0000~~
~~-142~~	~~14.392~~	~~0.99970~~	~~0.25373~~	~~0.36773~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FORE BODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.267	0.99102	0.25152	0.36453	0.31900
112	14.272	0.99137	0.25161	0.36466	0.34000
122	14.272	0.99137	0.25161	0.36466	0.38600
127	14.292	0.99276	0.25197	0.36517	0.43400
137	14.262	0.99067	0.25144	0.36441	0.46100
-142	~~14.392~~	~~0.99970~~	~~0.25373~~	~~0.36773~~	~~-1.0000~~
~~-152~~	~~14.397~~	~~1.0000~~	~~0.25382~~	~~0.36785~~	~~-1.0000~~
~~-157~~	~~14.392~~	~~0.99970~~	~~0.25373~~	~~0.36773~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
~~-152~~	~~14.397~~	~~1.0000~~	~~0.25382~~	~~0.36785~~	~~-1.0000~~
~~-157~~	~~14.392~~	~~0.99970~~	~~0.25373~~	~~0.36773~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.267	0.99102	0.25152	0.36453	0.79300
172	13.718	0.95295	0.24180	0.35045	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.623	0.94625	0.24016	0.34806	0.79300
187	13.218	0.91813	0.23302	0.33772	0.84400

>OPTIONS , MEASURED THRUST PARAMETERS

RUN 37

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.295	0.77669	0.19733	0.28582	0.72200
37	16.715	1.1586	0.29436	0.42637	0.82000
47	13.808	0.95711	0.24317	0.35222	0.91600
52	14.333	0.97269	0.24713	0.35795	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.480	1.8354	0.46632	0.67544	0.42200
67	15.107	1.0471	0.26604	0.38535	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.508	1.0056	0.25549	0.37006	0.56400
82	10.036	0.69564	0.17674	0.25600	0.63500
92	14.348	0.99451	0.25267	0.36598	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.258	0.98828	0.25109	0.36369	-1.0000
-112	14.248	0.98758	0.25091	0.36343	-1.0000
-122	14.268	0.98897	0.25126	0.36394	-1.0000
-127	14.283	0.99001	0.25153	0.36432	-1.0000
-137	14.258	0.98828	0.25109	0.36369	-1.0000
-142	14.383	0.99693	0.25329	0.36687	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.258	0.98828	0.25109	0.36369	0.31900
112	14.248	0.98758	0.25091	0.36343	0.34000
122	14.268	0.98897	0.25126	0.36394	0.38600
127	14.283	0.99001	0.25153	0.36432	0.43400
137	14.258	0.98828	0.25109	0.36369	0.46100
-142	14.383	0.99693	0.25329	0.36687	-1.0000
-152	14.383	0.99693	0.25329	0.36687	-1.0000
-157	14.383	0.99693	0.25329	0.36687	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.383	0.99693	0.25329	0.36687	-1.0000
-157	14.383	0.99693	0.25329	0.36687	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.263	0.98862	0.25117	0.36381	0.79300
172	13.979	0.96893	0.22857	0.33107	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.613	0.94396	0.23983	0.34738	0.79300
187	13.219	0.91625	0.23279	0.33718	0.84400

>SECTION 5 , MEASURED TURBIST PARAMETERS

RUN 37

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	9.9194	0.68710	0.19183	0.27730	0.72200
37	17.163	1.1889	0.33192	0.47981	0.82000
47	12.246	0.84828	0.23683	0.34235	0.91900
52	14.398	0.99732	0.27844	0.40251	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	24.076	1.6677	0.46560	0.67306	0.42200
67	15.117	1.0471	0.29234	0.42260	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.867	1.0298	0.28752	0.41562	0.56400
82	8.9604	0.62068	0.17329	0.25050	0.63500
92	14.348	0.99386	0.27748	0.40111	0.69200

>ADDITIONAL PRESSURE RATIOS , FSPLTOP SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.268	0.98833	0.27593	0.39888	-1.0000
-112	14.263	0.98799	0.27584	0.39874	-1.0000
-122	14.268	0.98833	0.27593	0.39888	-1.0000
-127	14.283	0.98937	0.27622	0.39930	-1.0000
-137	14.263	0.98799	0.27584	0.39874	-1.0000
-142	14.388	0.99663	0.27825	0.40223	-1.0000

>ADDITIONAL PRESSURE RATIOS , FDPEADDY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.268	0.98833	0.27593	0.39888	0.31900
112	14.263	0.98799	0.27584	0.39874	0.34000
122	14.268	0.98833	0.27593	0.39888	0.38600
127	14.283	0.98937	0.27622	0.39930	0.43400
137	14.263	0.98799	0.27584	0.39874	0.46100
-142	14.388	0.99663	0.27825	0.40223	1.0000
-152	14.378	0.99594	0.27806	0.40195	-1.0000
-157	14.378	0.99594	0.27806	0.40195	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLA

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.378	0.99594	0.27806	0.40195	-1.0000
-157	14.378	0.99594	0.27806	0.40195	1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.268	0.98833	0.27593	0.39888	0.79300
172	12.905	0.89393	0.24958	0.36078	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.599	0.94200	0.26300	0.38018	0.79300
187	13.275	0.91952	0.25672	0.37111	0.84400

>OPTION - , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:51:25.702 FAC 8X6X1 PGM C034 RDG 1993

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.7459	1.60608	0.19423	0.28654	0.72200
37	14.148	0.98046	0.31420	0.46354	0.82000
47	10.294	0.70713	0.22661	0.33431	0.91900
52	14.368	0.99568	0.31908	0.47073	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.622	1.4291	0.45796	0.67562	0.42200
67	15.142	1.0493	0.33626	0.49608	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.907	0.82513	0.26442	0.39010	0.56400
82	9.9498	0.68949	0.22096	0.32597	0.63500
92	14.358	0.99499	0.31886	0.47041	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.293	0.99049	0.31742	0.46828	-1.0000
-112	14.288	0.99015	0.31731	0.46812	-1.0000
-122	14.288	0.99015	0.31731	0.46812	-1.0000
-127	14.298	0.99084	0.31753	0.46844	-1.0000
-137	14.278	0.98946	0.31708	0.46779	-1.0000
-142	14.388	0.99707	0.31952	0.47139	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.293	0.99049	0.31742	0.46828	0.31900
112	14.288	0.99015	0.31731	0.46812	0.34000
122	14.288	0.99015	0.31731	0.46812	0.38600
127	14.298	0.99084	0.31753	0.46844	0.43400
137	14.278	0.98946	0.31708	0.46779	0.46100
142	14.388	0.99707	0.31952	0.47139	-1.0000
152	14.383	0.99741	0.31963	0.47155	-1.0000
157	14.388	0.99707	0.31952	0.47139	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.383	0.99741	0.31963	0.47155	-1.0000
-157	14.388	0.99707	0.31952	0.47139	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.293	0.99049	0.31742	0.46828	0.79300
172	12.945	0.89709	0.28749	0.42412	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.584	0.94137	0.30168	0.44506	0.79300
187	12.939	0.89673	0.29602	0.43671	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS
OF POOR QUALITY

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:52:24.454 FAC 8X6X1 PGM C034 RDG 1994

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.5137	0.58946	0.25535	0.31358	0.72200
37	11.933	0.82603	0.35176	0.43941	0.82000
47	11.241	0.77828	0.28433	0.41403	0.91900
52	14.442	0.99989	0.36529	0.53191	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	18.605	1.2881	0.47060	0.68526	0.42200
67	15.151	1.0490	0.38322	0.55802	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.236	0.77794	0.28420	0.41384	0.56400
82	10.996	0.76134	0.27814	0.40501	0.63500
92	14.372	0.99505	0.36352	0.52934	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.307	0.99055	0.36188	0.52695	-1.0000
-112	14.297	0.98986	0.36163	0.52658	-1.0000
-122	14.297	0.98986	0.36163	0.52658	-1.0000
-127	14.307	0.99055	0.36188	0.52695	-1.0000
-137	14.272	0.98813	0.36100	0.52566	-1.0000
-142	14.392	0.99643	0.36403	0.53007	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.307	0.99055	0.36188	0.52695	0.31900
112	14.297	0.98986	0.36163	0.52658	0.34000
122	14.297	0.98986	0.36163	0.52658	0.38600
127	14.307	0.99055	0.36188	0.52695	0.43400
137	14.272	0.98813	0.36100	0.52566	0.46100
-142	14.392	0.99643	0.36403	0.53007	-1.0000
-152	14.392	0.99643	0.36403	0.53007	-1.0000
-157	14.402	0.99712	0.36428	0.53044	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.392	0.99643	0.36403	0.53007	-1.0000
-157	14.402	0.99712	0.36428	0.53044	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.307	0.99055	0.36188	0.52695	0.79300
172	12.919	0.89445	0.32677	0.47582	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
192	13.568	0.93939	0.34319	0.49973	0.79300
197	13.358	0.92487	0.33789	0.49201	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:53:41.466 FAC 8X6X1 PGM C034 RDG 1995

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
32	7.9530	0.55061	0.22177	0.32060	0.72200
37	13.895	0.96199	0.38747	0.56013	0.82000
47	15.442	1.0691	0.43062	0.62250	0.91900
52	14.639	1.0135	0.40821	0.59011	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	17.029	1.1790	0.47487	0.68648	0.42200
67	15.143	1.0484	0.42226	0.61043	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	11.623	0.80473	0.32413	0.46856	0.56400
82	13.176	0.91222	0.36742	0.53115	0.63500
92	14.379	0.99551	0.40097	0.57965	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	14.319	0.99136	0.39930	0.57723	-1.0000
-112	14.309	0.99067	0.39902	0.57683	-1.0000
-122	14.314	0.99102	0.39916	0.57703	-1.0000
-127	14.314	0.99102	0.39916	0.57703	-1.0000
-137	14.274	0.98825	0.39805	0.57542	-1.0000
-142	14.399	0.99689	0.40153	0.58045	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	14.319	0.99136	0.39930	0.57723	0.31900
112	14.309	0.99067	0.39902	0.57683	0.34000
122	14.314	0.99102	0.39916	0.57703	0.38600
127	14.314	0.99102	0.39916	0.57703	0.43400
137	14.274	0.98825	0.39805	0.57542	0.46100
~~-142~~	~~14.399~~	~~0.99689~~	~~0.40153~~	~~0.58045~~	~~-1.0000~~
~~-152~~	~~14.399~~	~~0.99689~~	~~0.40153~~	~~0.58045~~	~~-1.0000~~
~~-157~~	~~14.399~~	~~0.99689~~	~~0.40153~~	~~0.58045~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
~~-152~~	~~14.399~~	~~0.99689~~	~~0.40153~~	0.58045	-1.0000
~~-157~~	~~14.399~~	~~0.99689~~	~~0.40153~~	~~0.58045~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	14.324	0.99171	0.39944	0.57743	0.79300
172	13.366	0.92536	0.37271	0.53880	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
182	13.735	0.95093	0.38301	0.55369	0.79300
187	13.610	0.94229	0.37951	0.54866	0.84400

SECTION 5 MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CASSELL PEC 11/02/79 06:54:30.803 FAC 8X6X1 PGM C034 RDG 1996

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.545	0.93719	0.44670	0.64064	0.72200
37	14.548	1.0066	0.47978	0.68809	0.82000
47	14.822	1.0256	0.48883	0.70108	0.91900
52	14.528	1.0052	0.47912	0.68715	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.536	1.0750	0.51237	0.73483	0.42200
67	15.147	1.0480	0.49953	0.71642	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	15.361	1.0629	0.50661	0.72657	0.56400
82	13.046	0.90265	0.43023	0.61704	0.63500
92	14.408	0.99693	0.47517	0.68148	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.358	0.99348	0.47353	0.67912	-1.0000
-112	14.348	0.99279	0.47320	0.67865	-1.0000
-122	14.343	0.99244	0.47303	0.67842	-1.0000
-127	14.343	0.99244	0.47303	0.67842	-1.0000
-137	14.313	0.99037	0.47204	0.67700	-1.0000
-142	14.423	0.99797	0.47567	0.68219	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.358	0.99348	0.47353	0.67912	0.31900
112	14.348	0.99279	0.47320	0.67865	0.34000
122	14.343	0.99244	0.47303	0.67842	0.38600
127	14.343	0.99244	0.47303	0.67842	0.43400
137	14.313	0.99037	0.47204	0.67700	0.46100
-142	14.423	0.99797	0.47567	0.68219	-1.0000
-152	14.418	0.99762	0.47550	0.68196	-1.0000
-157	14.418	0.99762	0.47550	0.68196	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.418	0.99762	0.47550	0.68196	-1.0000
-157	14.418	0.99762	0.47550	0.68196	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.358	0.99348	0.47353	0.67912	0.79300
172	13.595	0.94064	0.44834	0.64301	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.819	0.95618	0.45575	0.65363	0.79300
187	13.714	0.94893	0.45229	0.64867	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS
POOR QUALITY

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDEII REV 11/02/79 06:55:30.468 FAC 8X6X1 PGM C034 ROG 1997

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
32	14.209	0.98243	0.54391	0.79638	0.72200
37	14.548	1.0059	0.55690	0.81540	0.82000
47	14.638	1.0121	0.56034	0.82044	0.91900
52	14.459	0.99968	0.55346	0.81037	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
62	15.077	1.0425	0.57715	0.84505	0.42200
67	15.137	1.0466	0.57945	0.84841	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
77	14.239	0.98450	0.54506	0.79806	0.56400
82	13.036	0.90133	0.49901	0.73064	0.63500
92	14.414	0.99658	0.55174	0.80785	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-107	14.384	0.99451	0.55060	0.80617	-1.0000
-112	14.379	0.99416	0.55041	0.80589	-1.0000
-122	14.384	0.99451	0.55060	0.80617	-1.0000
-127	14.374	0.99382	0.55022	0.80561	-1.0000
-137	14.339	0.99140	0.54888	0.80365	-1.0000
-142	14.424	0.99727	0.55213	0.80841	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
107	14.384	0.99451	0.55060	0.80617	0.31900
112	14.379	0.99416	0.55041	0.80589	0.34000
122	14.384	0.99451	0.55060	0.80617	0.38600
127	14.374	0.99382	0.55022	0.80561	0.43400
137	14.339	0.99140	0.54888	0.80365	0.46100
142	14.424	0.99727	0.55213	0.80841	1.0000
152	14.424	0.99727	0.55213	0.80841	1.0000
157	14.424	0.99727	0.55213	0.80841	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-152	14.424	0.99727	0.55213	0.80841	-1.0000
-157	14.424	0.99727	0.55213	0.80841	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
167	14.379	0.99416	0.55041	0.80589	0.79300
172	13.760	0.95137	0.52672	0.77120	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
182	13.924	0.96276	0.53302	0.78044	0.79300
187	13.845	0.95724	0.52996	0.77596	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

27

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDELL REC 11/02/79 06:57:27.683 FAC 8X6X1 PGM C034 PRG 1998

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.250	0.98558	0.54525	0.92424	0.72200
37	14.364	0.99351	0.54965	0.93160	0.82000
47	14.384	0.99490	0.55041	0.93298	0.91900
52	14.419	0.99732	0.55175	0.93525	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.494	1.0025	0.55461	0.94010	0.42200
67	15.098	1.0443	0.57772	0.97927	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.155	0.97902	0.54162	0.91809	0.56400
82	12.982	0.89789	0.49674	0.84191	0.63500
92	14.414	0.99697	0.55156	0.93492	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.389	0.99524	0.55060	0.93330	-1.0000
-112	14.379	0.99455	0.55022	0.93266	-1.0000
-122	14.384	0.99490	0.55041	0.93298	-1.0000
-127	14.379	0.99455	0.55022	0.93266	-1.0000
-137	14.344	0.99213	0.54888	0.93039	-1.0000
-142	14.429	0.99800	0.55213	0.93589	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.389	0.99524	0.55060	0.93330	0.31900
112	14.379	0.99455	0.55022	0.93266	0.34000
122	14.384	0.99490	0.55041	0.93298	0.38600
127	14.379	0.99455	0.55022	0.93266	0.43400
137	14.344	0.99213	0.54888	0.93039	0.46100
-142	14.429	0.99800	0.55213	0.93589	-1.0000
-152	14.429	0.99800	0.55213	0.93589	-1.0000
-157	14.429	0.99800	0.55213	0.93589	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.429	0.99800	0.55213	0.93589	-1.0000
-157	14.429	0.99800	0.55213	0.93589	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.384	0.99490	0.55041	0.93298	0.79300
172	13.636	0.94312	0.52176	0.88442	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.870	0.95934	0.53074	0.89964	0.79300
187	13.770	0.95244	0.52692	0.89316	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 37

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.252	0.98526	0.54704	0.92418	0.72200
37	14.357	0.99261	0.55107	0.93097	0.82000
47	14.382	0.99434	0.55203	0.93259	0.91800
52	14.422	0.99710	0.55356	0.93518	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.487	1.0016	0.55605	0.93939	0.42200
67	15.071	1.0420	0.57847	0.97726	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.147	0.97812	0.54302	0.91738	0.56400
82	12.974	0.89701	0.49799	0.84131	0.63500
92	14.417	0.99675	0.55337	0.93488	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.387	0.99468	0.55222	0.93291	-1.0000
-112	14.377	0.99399	0.55183	0.93227	-1.0000
-122	14.377	0.99399	0.55183	0.93227	-1.0000
-127	14.377	0.99399	0.55183	0.93227	-1.0000
-137	14.342	0.99158	0.55049	0.93000	-1.0000
-142	14.427	0.99744	0.55375	0.93550	-1.0000

>ADDITIONAL PRESSURE RATIOS , FDPERBDY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.387	0.99468	0.55222	0.93291	0.31900
112	14.377	0.99399	0.55183	0.93227	0.34000
122	14.377	0.99399	0.55183	0.93227	0.38600
127	14.377	0.99399	0.55183	0.93227	0.43400
137	14.342	0.99158	0.55049	0.93000	0.46100
~~142~~	~~14.427~~	~~0.99744~~	~~0.55375~~	~~0.93550~~	~~1.0000~~
~~152~~	~~14.427~~	~~0.99744~~	~~0.55375~~	~~0.93550~~	~~1.0000~~
~~157~~	~~14.427~~	~~0.99744~~	~~0.55375~~	~~0.93550~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.427	0.99744	0.55375	0.93550	-1.0000
-157	14.427	0.99744	0.55375	0.93550	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.387	0.99468	0.55222	0.93291	0.79300
172	13.638	0.94291	0.52348	0.88436	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
192	13.863	0.95844	0.53210	0.89893	0.79300
197	13.793	0.95292	0.52903	0.89375	0.84400

>CRITICAL MEASURED THRUST PARAMETERS

RUN 37

NASA-LEWIS PRELIMINARY DATA 06/15/79 CADDFII REC 11/02/79 07:06:17.577 FAC RX6X1 PGM C034 RDG 2000

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.139	0.97783	0.48800	0.82191	0.72200
37	14.473	1.0010	0.49954	0.84135	0.82000
47	14.578	1.0082	0.50315	0.84744	0.91900
52	14.448	0.99923	0.49868	0.83990	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.798	1.0234	0.51073	0.86020	0.42200
57	15.047	1.0406	0.51934	0.87470	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.279	0.98750	0.49282	0.83003	0.56400
82	12.991	0.89845	0.44838	0.75519	0.63500
92	14.413	0.99681	0.49747	0.83787	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.368	0.99371	0.49592	0.83525	-1.0000
-112	14.368	0.99371	0.49592	0.83525	-1.0000
-122	14.363	0.99336	0.49575	0.83496	-1.0000
-127	14.363	0.99336	0.49575	0.83496	-1.0000
-137	14.329	0.99095	0.49454	0.83293	-1.0000
-142	14.423	0.99750	0.49782	0.83845	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.368	0.99371	0.49592	0.83525	0.31900
112	14.368	0.99371	0.49592	0.83525	0.34000
122	14.363	0.99336	0.49575	0.83496	0.38600
127	14.363	0.99336	0.49575	0.83496	0.43500
137	14.329	0.99095	0.49454	0.83293	0.46100
-142	14.423	0.99750	0.49782	0.83845	-1.0000
-152	14.423	0.99750	0.49782	0.83845	-1.0000
-157	14.423	0.99750	0.49782	0.83845	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.423	0.99750	0.49782	0.83845	-1.0000
-157	14.423	0.99750	0.49782	0.83845	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.373	0.99401	0.49609	0.83554	0.79300
172	13.595	0.93953	0.46888	0.78971	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.839	0.95713	0.47766	0.80451	0.79300
187	13.745	0.95057	0.47439	0.79899	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

Run 38

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2001 TO 2058
TIME AND DATE PROCESSED 05:29:03 JUN 20 1979

NOZZLE TYPE	P+W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	A2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	CONICAL SPLITTER
FAN NOZZLE	IRIS
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2001	0.896	2.16	3.52	1.63	0.000	0.291	0.952	0.998	0.7817	0.7817	0.7908	0.7908	0.7939	******
2002	0.895	2.20	4.52	2.06	0.000	0.226	0.956	0.982	0.8397	0.8397	0.8460	0.8460	0.8481	******
2003	0.895	2.22	5.27	2.38	0.000	0.194	0.954	0.984	0.8649	0.8649	0.8700	0.8700	0.8718	******
2004	0.893	2.19	6.03	2.75	0.000	0.169	0.955	0.985	0.8908	0.8908	0.8950	0.8950	0.8966	******
2005	0.894	2.19	7.03	3.20	0.000	0.145	0.955	0.988	0.9137	0.9137	0.9172	0.9172	0.9185	******
2006	0.895	2.18	7.00	3.20	0.000	0.145	0.958	0.986	0.9132	0.9132	0.9167	0.9167	0.9180	******
2007	0.894	2.19	6.02	2.76	0.000	0.168	0.955	0.987	0.8929	0.8929	0.8971	0.8971	0.8987	******
2008	0.895	2.22	5.27	2.37	0.000	0.193	0.954	0.989	0.8682	0.8682	0.8733	0.8733	0.8751	******
2009	0.892	2.20	4.50	2.05	0.000	0.226	0.956	0.982	0.8431	0.8431	0.8493	0.8493	0.8515	******
2010	0.896	2.17	3.52	1.62	0.000	0.290	0.952	1.000	0.7872	0.7872	0.7964	0.7964	0.7995	******
2011	0.893	2.19	6.02	2.75	0.000	0.169	0.955	0.986	0.8920	0.8920	0.8962	0.8962	0.8978	******
2012	0.896	1.94	3.53	1.82	0.000	0.290	0.952	0.982	0.8000	0.8000	0.8083	0.8083	0.8112	******
2013	0.894	1.98	4.53	2.28	0.000	0.226	0.955	0.983	0.8497	0.8497	0.8555	0.8555	0.8576	******
2014	0.893	1.98	5.30	2.68	0.000	0.192	0.954	0.986	0.8800	0.8800	0.8847	0.8847	0.8864	******
2015	0.892	1.96	6.02	3.08	0.000	0.169	0.956	0.986	0.9044	0.9044	0.9083	0.9083	0.9098	******
2016	0.893	1.98	7.05	3.56	0.000	0.144	0.958	0.990	0.9220	0.9220	0.9252	0.9252	0.9265	******
2017	0.894	1.98	7.05	3.56	0.000	0.145	0.956	0.987	0.9220	0.9220	0.9253	0.9253	0.9266	******
2018	0.893	1.95	5.98	3.06	0.000	0.170	0.959	0.988	0.9046	0.9046	0.9085	0.9085	0.9100	******
2019	0.895	1.97	5.26	2.68	0.000	0.193	0.958	0.985	0.8798	0.8798	0.8845	0.8845	0.8862	******
2020	0.892	1.99	4.54	2.29	0.000	0.225	0.953	0.983	0.8523	0.8523	0.8581	0.8581	0.8601	******
2021	0.893	1.95	3.52	1.81	0.000	0.290	0.954	0.985	0.8012	0.8012	0.8095	0.8095	0.8124	******
2022	0.895	1.80	3.53	1.97	0.000	0.289	0.953	0.984	0.8129	0.8129	0.8206	0.8206	0.8233	******
2023	0.895	1.81	4.54	2.51	0.000	0.222	0.954	0.985	0.8596	0.8596	0.8651	0.8651	0.8670	******
2024	0.893	1.80	5.29	2.94	0.000	0.192	0.955	0.986	0.8924	0.8924	0.8968	0.8968	0.8985	******
2025	0.893	1.91	5.91	3.10	0.000	0.172	0.928	1.012	0.9057	0.9057	0.9097	0.9097	0.9112	******
2026	0.894	1.81	6.04	3.33	0.000	0.169	0.956	0.991	0.9124	0.9124	0.9161	0.9161	0.9176	******
2027	0.893	1.81	7.06	3.91	0.000	0.144	0.956	0.986	0.9306	0.9306	0.9337	0.9337	0.9350	******
2028	0.894	1.81	6.03	3.33	0.000	0.169	0.955	0.989	0.9113	0.9113	0.9151	0.9151	0.9165	******
2029	0.893	1.81	7.04	3.89	0.000	0.145	0.956	0.988	0.9297	0.9297	0.9328	0.9328	0.9340	******
2030	0.893	1.81	5.27	2.92	0.000	0.193	0.955	0.986	0.8924	0.8924	0.8968	0.8968	0.8985	******
2031	0.893	1.81	4.54	2.51	0.000	0.225	0.954	0.985	0.8607	0.8607	0.8661	0.8661	0.8680	******
2032	0.894	1.79	3.52	1.96	0.000	0.290	0.952	0.982	0.8135	0.8135	0.8212	0.8212	0.8239	******
2033	0.895	1.95	3.52	1.81	0.000	0.290	0.955	0.983	0.8038	0.8038	0.8121	0.8121	0.8150	******
2034	0.894	1.98	4.54	2.29	0.000	0.224	0.954	0.984	0.8561	0.8561	0.8619	0.8619	0.8639	******
2035	0.894	1.97	5.30	2.69	0.000	0.193	0.954	0.985	0.8808	0.8808	0.8854	0.8854	0.8871	******
2036	0.895	1.96	6.08	3.10	0.000	0.168	0.956	0.986	0.9041	0.9041	0.9080	0.9080	0.9095	******
2037	0.892	1.98	7.07	3.56	0.000	0.144	0.957	0.988	0.9234	0.9234	0.9266	0.9266	0.9279	******
2038	0.893	1.98	7.07	3.57	0.000	0.144	0.956	0.987	0.9233	0.9233	0.9266	0.9266	0.9279	******

ORIGINAL PAGE IS
OF POOR QUALITY

Run 38

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY AXEX1 PROGRAM 2034 RDGS 2001 TO 2058
TIME AND DATE PROCESSED 05:29:03 JUN 20 1979

NOZZLE TYPE — P&W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS — SUBSONIC CRUISE
NOZZLE CONFIGURATION — A2
PRIMARY-NOZZLE PLUG — SPLIT PLUG (RETRACTED)
FLOW SPLITTER — CONICAL SPLITTER
FAN NOZZLE — IPIS
CLAMSHELL POSITION — CLAMSHELL REMOVED
EJECTOR INLET OPENING — MIDWAY

RDG	MD	PTF/PTP	PTF/PD	PTP/PD	OMEGA	PTS/PTF	CDF	CDP	CF1	ETAI	ETAI,INT	CFP1	CFP2	F9
2039	0.893	1.96	6.02	3.07	0.000	0.169	0.956	0.987	0.9045	0.9045	0.9084	0.9084	0.9099	******
2040	0.893	1.97	5.31	2.69	0.000	0.192	0.954	0.985	0.8820	0.8820	0.8866	0.8866	0.8884	******
2041	0.892	1.98	4.55	2.30	0.000	0.225	0.954	0.984	0.8546	0.8546	0.8604	0.8604	0.8624	******
2042	0.895	1.94	3.51	1.81	0.000	0.292	0.956	0.985	0.7989	0.7989	0.8072	0.8072	0.8101	******
2043	0.027	1.97	3.53	1.79	0.000	0.284	0.954	0.988	0.9746	0.9746	0.9746	0.9746	0.9776	******
2044	0.041	1.94	4.53	2.34	0.000	0.222	0.955	0.977	0.9688	0.9688	0.9688	0.9688	0.9708	******
2045	0.053	1.93	5.29	2.73	0.000	0.190	0.956	0.974	0.9795	0.9795	0.9796	0.9796	0.9812	******
2046	0.053	1.95	6.04	3.10	0.000	0.166	0.957	0.986	0.9817	0.9817	0.9817	0.9817	0.9832	******
2047	0.052	1.95	6.02	3.09	0.000	0.167	0.960	0.986	0.9842	0.9842	0.9842	0.9842	0.9857	******
2048	0.051	1.98	5.27	2.67	0.000	0.190	0.957	0.985	0.9775	0.9775	0.9775	0.9775	0.9793	******
2049	0.050	1.97	4.54	2.31	0.000	0.221	0.955	0.987	0.9660	0.9660	0.9660	0.9660	0.9681	******
2050	0.029	1.98	3.52	1.78	0.000	0.285	0.954	0.966	0.9757	0.9757	0.9757	0.9757	0.9786	******
2051	0.039	1.97	3.53	1.79	0.000	0.283	0.954	0.987	0.9613	0.9613	0.9614	0.9614	0.9643	******
2052	0.033	1.97	4.53	2.30	0.000	0.221	0.956	0.988	0.9662	0.9662	0.9662	0.9662	0.9682	******
2053	0.051	1.99	5.29	2.66	0.000	0.190	0.956	0.989	0.9796	0.9796	0.9797	0.9797	0.9814	******
2054	0.052	1.97	6.05	3.06	0.000	0.166	0.957	0.987	0.9858	0.9858	0.9858	0.9858	0.9873	******
2055	0.054	1.97	6.05	3.07	0.000	0.165	0.956	0.986	0.9850	0.9850	0.9850	0.9850	0.9865	******
2056	0.050	1.98	5.28	2.66	0.000	0.190	0.958	0.989	0.9800	0.9800	0.9800	0.9800	0.9817	******
2057	0.042	1.97	4.52	2.29	0.000	0.222	0.955	0.988	0.9668	0.9668	0.9668	0.9668	0.9689	******
2058	0.033	1.97	3.52	1.79	0.000	0.284	0.955	0.990	0.9690	0.9690	0.9691	0.9691	0.9720	******

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.1785	0.71405	0.20284	0.43885	0.43400
37	10.099	1.0046	0.28536	0.61740	0.53300
47	10.893	1.0825	0.30750	0.66530	0.63100
52	10.518	1.0463	0.29720	0.64303	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.5654	0.55359	0.15726	0.34024	0.42200
67	14.440	1.4364	0.40803	0.88281	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.755	2.7608	0.78426	1.6968	0.56400
82	16.611	1.6523	0.46935	1.0155	0.63500
92	10.209	1.0155	0.28846	0.62411	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4267	0.83821	0.23811	0.51516	-1.0000
-112	8.7312	0.86850	0.24671	0.53378	-1.0000
-122	9.0857	0.90376	0.25673	0.55545	-1.0000
-127	9.4101	0.93603	0.26589	0.57529	-1.0000
-137	9.4501	0.94000	0.26702	0.57773	-1.0000
-142	9.4501	0.94000	0.26702	0.57773	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4267	0.83821	0.23811	0.51516	0.31900
112	8.7312	0.86850	0.24671	0.53378	0.34000
122	9.0857	0.90376	0.25673	0.55545	0.38600
127	9.4101	0.93603	0.26589	0.57529	0.43200
137	9.4501	0.94000	0.26702	0.57773	0.47800
142	9.4501	0.94000	0.26702	0.57773	0.52200
152	7.9524	0.79103	0.22479	0.48617	0.56300
157	9.4351	0.93852	0.26660	0.57681	0.60500

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9524	0.79103	0.22479	0.48617	-1.0000
-157	9.4351	0.93852	0.26660	0.57681	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9060	0.88588	0.25165	0.54446	0.79300
172	10.249	1.0194	0.28959	0.62655	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.349	1.0294	0.29241	0.63265	0.79300
187	10.269	1.0214	0.29015	0.62777	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

RUN 38

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.8393	0.87766	0.19437	0.42678	0.43400
37	9.4297	0.93627	0.20735	0.45529	0.53300
47	9.4097	0.93429	0.20691	0.45432	0.63100
52	10.070	0.99985	0.22143	0.48620	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER T.O.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.9929	0.69432	0.15377	0.33763	0.42200
67	14.416	1.4314	0.31700	0.69604	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER T.O.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.993	3.5738	0.79145	1.7378	0.56400
82	21.456	2.1303	0.47178	1.0359	0.63500
92	10.225	1.0152	0.22484	0.49369	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2539	0.81953	0.18149	0.39852	-1.0000
-112	8.5241	0.84636	0.18744	0.41156	-1.0000
-122	8.9894	0.89256	0.19767	0.43403	-1.0000
-127	9.3246	0.92584	0.20504	0.45021	-1.0000
-137	9.3797	0.93131	0.20625	0.45287	-1.0000
-142	9.4297	0.93627	0.20735	0.45529	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2539	0.81953	0.18149	0.39852	0.31900
112	8.5241	0.84636	0.18744	0.41156	0.34000
122	8.9894	0.89256	0.19767	0.43403	0.38600
127	9.3246	0.92584	0.20504	0.45021	0.43200
137	9.3797	0.93131	0.20625	0.45287	0.47800
142	9.4297	0.93627	0.20735	0.45529	0.52200
152	7.9237	0.78674	0.17423	0.38257	0.56300
157	9.3997	0.93329	0.20669	0.45384	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9237	0.78674	0.17423	0.38257	-1.0000
-157	9.3997	0.93329	0.20669	0.45384	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9144	0.88511	0.19602	0.43041	0.79300
172	10.300	1.0227	0.22649	0.49731	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.425	1.0351	0.22924	0.50335	0.79300
187	11.360	1.0287	0.22781	0.50021	0.84400

>SECTION 5 MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.223	1.0164	0.19270	0.42707	0.43400
37	5.6268	0.55943	0.10607	0.23507	0.53300
47	9.6884	0.96324	0.18263	0.40475	0.63100
52	10.173	1.0114	0.19176	0.42499	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.0351	0.79887	0.15146	0.33568	0.42200
67	14.347	1.4264	0.27044	0.59936	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.686	4.1445	0.78579	1.7415	0.56400
82	24.928	2.4784	0.46990	1.0414	0.63500
92	10.203	1.0144	0.19232	0.42624	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2799	0.82320	0.15608	0.34590	-1.0000
-112	8.5296	0.84804	0.16079	0.35634	-1.0000
-122	8.9542	0.89025	0.16879	0.37408	-1.0000
-127	9.3438	0.92898	0.17613	0.39035	-1.0000
-137	9.3488	0.92948	0.17623	0.39056	-1.0000
-142	9.3588	0.93047	0.17641	0.39098	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2799	0.82320	0.15608	0.34590	0.31900
112	8.5296	0.84804	0.16079	0.35634	0.34000
122	8.9542	0.89025	0.16879	0.37408	0.38600
127	9.3438	0.92898	0.17613	0.39035	0.43200
137	9.3488	0.92948	0.17623	0.39056	0.47800
142	9.3588	0.93047	0.17641	0.39098	0.52200
152	7.9302	0.78844	0.14949	0.33130	0.56300
157	9.3688	0.93146	0.17660	0.39139	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9302	0.78844	0.14949	0.33130	-1.0000
-157	9.3688	0.93146	0.17660	0.39139	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9043	0.88528	0.16785	0.37199	0.79300
172	10.323	1.0263	0.19458	0.43124	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.443	1.0382	0.19684	0.43625	0.79300
187	10.358	1.0298	0.19524	0.43271	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.813	1.1734	0.19463	0.42708	0.43400
37	6.5048	0.64616	0.10718	0.23518	0.53300
47	7.9383	0.78557	0.13030	0.28593	0.63100
52	10.390	1.0321	0.17119	0.37565	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.2565	0.91950	0.15252	0.33467	0.42200
67	14.313	1.4218	0.23583	0.51749	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.349	4.7034	0.78015	1.7119	0.56400
82	28.500	2.8310	0.46958	1.0304	0.63500
92	10.210	1.0142	0.16823	0.36915	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2628	0.82079	0.13614	0.29874	-1.0000
-112	8.5674	0.85105	0.14116	0.30976	-1.0000
-122	8.9569	0.88974	0.14758	0.32384	-1.0000
-127	9.3014	0.92396	0.15326	0.33630	-1.0000
-137	9.3264	0.92644	0.15367	0.33720	-1.0000
-142	9.3564	0.92942	0.15416	0.33828	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2628	0.82079	0.13614	0.29874	0.31900
112	8.5674	0.85105	0.14116	0.30976	0.34000
122	8.9569	0.88974	0.14758	0.32384	0.38600
127	9.3014	0.92396	0.15326	0.33630	0.43200
137	9.3264	0.92644	0.15367	0.33720	0.47800
142	9.3564	0.92942	0.15416	0.33828	0.52200
152	7.8783	0.78259	0.12981	0.28484	0.56300
157	9.3813	0.93190	0.15457	0.33918	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8783	0.78259	0.12981	0.28484	-1.0000
-157	9.3813	0.93190	0.15457	0.33918	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9120	0.88528	0.14684	0.32222	0.79300
172	10.325	1.0256	0.17012	0.37330	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.435	1.0365	0.17193	0.37727	0.79300
187	10.370	1.0301	0.17086	0.37493	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	13.763	1.3682	0.19471	0.42721	0.43400
37	7.6677	0.76223	0.10848	0.23801	0.53300
47	9.2557	0.92008	0.13094	0.28730	0.63100
52	10.079	1.0020	0.14260	0.31287	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	10.763	1.0700	0.15227	0.33410	0.42200
67	14.302	1.4218	0.20234	0.44394	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	4.4455	0.44191	0.062892	0.13799	0.56400
82	33.193	3.2996	0.46960	1.0303	0.63500
92	10.194	1.0134	0.14422	0.31643	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.1821	0.81336	0.11576	0.25397	-1.0000
-112	8.4617	0.84116	0.11971	0.26265	-1.0000
-122	8.8712	0.88186	0.12550	0.27536	-1.0000
-127	9.2557	0.92008	0.13094	0.28730	-1.0000
-137	9.2856	0.92306	0.13137	0.28823	-1.0000
-142	9.3406	0.92852	0.13214	0.28993	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.1821	0.81336	0.11576	0.25397	0.31900
112	8.4617	0.84116	0.11971	0.26265	0.34000
122	8.8712	0.88186	0.12550	0.27536	0.38600
127	9.2557	0.92008	0.13094	0.28730	0.43200
137	9.2856	0.92306	0.13137	0.28823	0.47800
142	9.3406	0.92852	0.13214	0.28993	0.52200
152	7.9024	0.78556	0.11180	0.24529	0.56300
157	9.3505	0.92952	0.13229	0.29024	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	7.9024	0.78556	0.11180	0.24529	-1.0000
-157	9.3505	0.92952	0.13229	0.29024	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.9111	0.88584	0.12607	0.27660	0.79300
172	10.339	1.0278	0.14627	0.32093	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.464	1.0402	0.14804	0.32480	0.79300
187	10.409	1.0347	0.14726	0.32310	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.804	1.3714	0.19590	0.42798	0.43400
37	7.7040	0.76574	0.10939	0.23897	0.53300
47	9.2937	0.92328	0.13189	0.28814	0.63100
52	10.049	1.0023	0.14317	0.31279	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	10.804	1.0733	0.15332	0.33496	0.42200
67	14.304	1.4210	0.20299	0.44348	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	4.4851	0.44557	0.063649	0.13905	0.58400
82	33.283	3.3065	0.47233	1.0319	0.63500
92	10.214	1.0147	0.14495	0.31667	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.2383	0.81842	0.11691	0.25541	-1.0000
-112	8.5184	0.84625	0.12089	0.26410	-1.0000
-122	8.9136	0.88551	0.12649	0.27635	-1.0000
-127	9.2887	0.92278	0.13182	0.28798	-1.0000
-137	9.3138	0.92526	0.13217	0.28876	-1.0000
-142	9.3738	0.93123	0.13302	0.29062	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.2383	0.81842	0.11691	0.25541	0.31900
112	8.5184	0.84625	0.12089	0.26410	0.34000
122	8.9136	0.88551	0.12649	0.27635	0.38600
127	9.2887	0.92278	0.13182	0.28798	0.43200
137	9.3138	0.92526	0.13217	0.28876	0.47800
142	9.3738	0.93123	0.13302	0.29062	0.52200
152	7.8631	0.78115	0.11159	0.24378	0.56300
157	9.3738	0.93123	0.13302	0.29062	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.8631	0.78115	0.11159	0.24378	-1.0000
-157	9.3738	0.93123	0.13302	0.29062	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9386	0.88799	0.12685	0.27713	0.79300
172	10.344	1.0276	0.14679	0.32070	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.484	1.0415	0.14878	0.32504	0.79300
187	10.434	1.0366	0.14807	0.32349	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 00:53:39.751 FAC 8X6X1 PGM C034 RDG 2097

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.868	1.1793	0.19580	0.42794	0.43400
37	6.5676	0.65261	0.10835	0.23682	0.53300
47	7.9818	0.79313	0.13168	0.28781	0.63100
52	10.415	1.0349	0.17187	0.37553	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.2957	0.92369	0.15336	0.33519	0.42200
67	14.255	1.4165	0.23517	0.51400	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.901	4.6604	0.77376	1.6912	0.56400
82	28.523	2.8343	0.47057	1.0285	0.63500
92	10.200	1.0135	0.16828	0.36779	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2416	0.81895	0.13597	0.29718	-1.0000
-112	8.5164	0.84625	0.14050	0.30709	-1.0000
-122	8.8811	0.88249	0.14652	0.32024	-1.0000
-127	9.2757	0.92171	0.15303	0.33447	-1.0000
-137	9.3057	0.92468	0.15352	0.33555	-1.0000
-142	9.3656	0.93064	0.15451	0.33771	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2416	0.81895	0.13597	0.29718	0.31900
112	8.5164	0.84625	0.14050	0.30709	0.34000
122	8.8811	0.88249	0.14652	0.32024	0.38600
127	9.2757	0.92171	0.15303	0.33447	0.43200
137	9.3057	0.92468	0.15352	0.33555	0.47800
142	9.3656	0.93064	0.15451	0.33771	0.52200
152	7.8219	0.77724	0.12904	0.28204	0.56300
157	9.3706	0.93114	0.15460	0.33789	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8219	0.77724	0.12904	0.28204	-1.0000
-157	9.3706	0.93114	0.15460	0.33789	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9360	0.88795	0.14743	0.32222	0.79300
172	10.320	1.0254	0.17025	0.37211	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.440	1.0374	0.17223	0.37643	0.79300
187	10.375	1.0309	0.17116	0.37409	0.84400

ENGINE THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.257	1.0188	0.19330	0.42957	0.43400
37	5.6492	0.56112	0.10646	0.23659	0.53300
47	9.6719	0.96068	0.18228	0.40506	0.63200
52	10.192	1.0123	0.19208	0.42685	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.0662	0.80118	0.15201	0.33781	0.42200
67	14.222	1.4127	0.26803	0.59564	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.081	4.0804	0.77420	1.7205	0.56400
82	24.995	2.4827	0.47105	1.0468	0.63500
92	10.197	1.0128	0.19217	0.42706	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2763	0.82205	0.15597	0.34661	-1.0000
-112	8.5064	0.84491	0.16031	0.35625	-1.0000
-122	8.9316	0.88715	0.16832	0.37406	-1.0000
-127	9.3018	0.92391	0.17530	0.38956	-1.0000
-137	9.2968	0.92342	0.17521	0.38935	-1.0000
-142	9.3468	0.92838	0.17615	0.39145	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2763	0.82205	0.15597	0.34661	0.31900
112	8.5064	0.84491	0.16031	0.35625	0.34000
122	8.9316	0.88715	0.16832	0.37406	0.38600
127	9.3018	0.92391	0.17530	0.38956	0.43200
137	9.2968	0.92342	0.17521	0.38935	0.47800
142	9.3468	0.92838	0.17615	0.39145	0.52200
152	7.9011	0.78478	0.14890	0.33090	0.56300
157	9.3468	0.92838	0.17615	0.39145	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9011	0.78478	0.14890	0.33090	-1.0000
-157	9.3468	0.92838	0.17615	0.39145	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9366	0.88764	0.16842	0.37427	0.79300
172	10.312	1.0243	0.19434	0.43188	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.447	1.0377	0.19689	0.43753	0.79300
187	10.342	1.0272	0.19491	0.43313	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 12/03/79 00:56:21.733 FAC 8X6X1 PGM C034 RDG 2009

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.9045	0.87326	0.19403	0.42694	0.43400
37	9.5336	0.94558	0.21010	0.46229	0.53300
47	9.4936	0.94162	0.20922	0.46036	0.63100
52	10.123	1.0040	0.22309	0.49087	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.9613	0.69045	0.15341	0.33756	0.42200
67	14.166	1.4051	0.31220	0.68695	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.249	3.4961	0.77681	1.7093	0.56400
82	21.403	2.1228	0.47167	1.0378	0.63500
92	10.233	1.0149	0.22551	0.49619	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2801	0.82125	0.18248	0.40151	-1.0000
-112	8.5398	0.84701	0.18820	0.41410	-1.0000
-122	8.9593	0.88862	0.19744	0.43444	-1.0000
-127	9.3238	0.92478	0.20548	0.45212	-1.0000
-137	9.3288	0.92527	0.20559	0.45236	-1.0000
-142	9.3888	0.93121	0.20691	0.45527	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2801	0.82125	0.18248	0.40151	0.31900
112	8.5398	0.84701	0.18820	0.41410	0.34000
122	8.9593	0.88862	0.19744	0.43444	0.38600
127	9.3238	0.92478	0.20548	0.45212	0.43200
137	9.3288	0.92527	0.20559	0.45236	0.47800
142	9.3888	0.93121	0.20691	0.45527	0.52200
152	7.8455	0.77815	0.17290	0.38044	0.56300
157	9.3588	0.92824	0.20625	0.45382	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8455	0.77815	0.17290	0.38044	-1.0000
-157	9.3588	0.92824	0.20625	0.45382	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9343	0.88614	0.19689	0.43323	0.79300
172	10.228	1.0144	0.22540	0.49595	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.343	1.0258	0.22793	0.50152	0.79300
187	10.298	1.0214	0.22694	0.49934	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.1618	0.71342	0.20268	0.44071	0.43400
37	10.098	1.0059	0.28577	0.62138	0.53300
47	10.867	1.0825	0.30753	0.66868	0.63100
52	10.487	1.0447	0.29679	0.64534	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.5285	0.55072	0.15646	0.34020	0.42200
67	14.111	1.4056	0.39933	0.86830	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.233	2.7128	0.77070	1.6758	0.56400
82	16.625	1.6561	0.47050	1.0231	0.63500
92	10.173	1.0133	0.28789	0.62598	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4452	0.84127	0.23900	0.51968	-1.0000
-112	8.7748	0.87409	0.24833	0.53996	-1.0000
-122	9.0294	0.89946	0.25554	0.55563	-1.0000
-127	9.3589	0.93229	0.26486	0.57591	-1.0000
-137	9.3989	0.93626	0.26599	0.57837	-1.0000
-142	9.4188	0.93825	0.26656	0.57960	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4452	0.84127	0.23900	0.51968	0.31900
112	8.7748	0.87409	0.24833	0.53996	0.34000
122	9.0294	0.89946	0.25554	0.55563	0.38600
127	9.3589	0.93228	0.26486	0.57591	0.43200
137	9.3989	0.93626	0.26599	0.57837	0.47800
142	9.4188	0.93825	0.26656	0.57960	0.52200
152	7.8760	0.78456	0.22289	0.48466	0.56300
157	9.3989	0.93626	0.26599	0.57837	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8760	0.78456	0.22289	0.48466	-1.0000
-157	9.3989	0.93626	0.26599	0.57837	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9295	0.88951	0.25271	0.54949	0.79300
172	10.208	1.0168	0.28888	0.62813	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.302	1.0263	0.29156	0.63397	0.79300
187	10.223	1.0183	0.28930	0.62906	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.867	1.1756	0.19524	0.42790	0.43400
37	6.5357	0.64746	0.10752	0.23566	0.53300
47	7.9565	0.78822	0.13090	0.28689	0.63100
52	10.432	1.0335	0.17163	0.37616	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.2970	0.92101	0.15295	0.33522	0.42200
67	14.102	1.3970	0.23201	0.50848	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.449	4.7006	0.78063	1.7109	0.56400
82	28.573	2.8306	0.47007	1.0302	0.63500
92	10.232	1.0137	0.16834	0.36894	0.89200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2417	0.81646	0.13559	0.29717	-1.0000
-112	8.5318	0.84520	0.14036	0.30763	-1.0000
-122	8.9669	0.88831	0.14752	0.32332	-1.0000
-127	9.3271	0.92399	0.15345	0.33630	-1.0000
-137	9.3421	0.92547	0.15369	0.33685	-1.0000
-142	9.3821	0.92944	0.15435	0.33829	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2417	0.81646	0.13559	0.29717	0.31900
112	8.5318	0.84520	0.14036	0.30763	0.34000
122	8.9669	0.88831	0.14752	0.32332	0.38600
127	9.3271	0.92399	0.15345	0.33630	0.43200
137	9.3421	0.92547	0.15369	0.33685	0.47800
142	9.3821	0.92944	0.15435	0.33829	0.52200
152	7.9265	0.78524	0.13041	0.28581	0.56300
15	9.3971	0.93092	0.15460	0.33883	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9265	0.78524	0.13041	0.28581	-1.0000
-157	9.3971	0.93092	0.15460	0.33883	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9569	0.88732	0.14736	0.32296	0.79300
172	10.382	1.0285	0.17081	0.37435	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.502	1.0404	0.17278	0.37868	0.79300
187	10.417	1.0320	0.17138	0.37561	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.8320	0.77919	0.22084	0.42807	0.43400
37	9.8987	0.98480	0.27912	0.54102	0.53300
47	9.9888	0.99376	0.28166	0.54594	0.63100
52	10.269	1.0216	0.28956	0.56126	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.2102	0.61784	0.17511	0.33943	0.42200
67	14.061	1.3988	0.39647	0.76849	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.492	2.735	0.77522	1.5026	0.56400
82	16.736	1.6650	0.47191	0.91471	0.63500
92	10.209	1.0157	0.28787	0.55798	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3825	0.83396	0.23637	0.45815	-1.0000
-112	8.6177	0.85736	0.24300	0.47101	-1.0000
-122	9.1632	0.91162	0.25838	0.50082	-1.0000
-127	9.4084	0.93601	0.26529	0.51422	-1.0000
-137	9.3933	0.93452	0.26487	0.51340	-1.0000
-142	9.4284	0.93800	0.26586	0.51532	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3825	0.83396	0.23637	0.45815	0.31900
112	8.6177	0.85736	0.24300	0.47101	0.34000
122	9.1632	0.91162	0.25838	0.50082	0.38600
127	9.4084	0.93601	0.26529	0.51422	0.43200
137	9.3933	0.93452	0.26487	0.51340	0.47800
142	9.4284	0.93800	0.26586	0.51532	0.52200
152	7.8921	0.78516	0.22254	0.43135	0.56300
157	9.4184	0.93701	0.26558	0.51477	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8921	0.78516	0.22254	0.43135	-1.0000
-157	9.4184	0.93701	0.26558	0.51477	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9630	0.89171	0.25274	0.48988	0.79300
172	10.234	1.0181	0.28857	0.55934	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.349	1.0296	0.29182	0.56563	0.79300
187	10.244	1.0191	0.28885	0.55989	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDFII REC 11/03/79 01:02:24.898 FAC 8X6X1 PGM C034 PDG 2013

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.8207	0.97568	0.21530	0.42716	0.43400
37	5.4319	0.53966	0.11909	0.23627	0.53300
47	9.4105	0.93497	0.20632	0.40934	0.63100
52	10.110	1.0045	0.22166	0.43976	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.7366	0.76864	0.16961	0.33651	0.42200
67	14.002	1.3911	0.30697	0.60903	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.599	3.5368	0.78043	1.5484	0.56400
82	21.478	2.1338	0.47087	0.93421	0.63500
92	10.220	1.0154	0.22407	0.44455	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3164	0.82626	0.18232	0.36173	-1.0000
-112	8.6113	0.85553	0.18879	0.37456	-1.0000
-122	9.0861	0.90072	0.19876	0.39434	-1.0000
-127	9.3759	0.93150	0.20555	0.40781	-1.0000
-137	9.3909	0.93299	0.20588	0.40847	-1.0000
-142	9.4159	0.93547	0.20643	0.40955	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3164	0.82626	0.18232	0.36173	0.31900
112	8.6113	0.85553	0.18879	0.37456	0.34000
122	9.0861	0.90072	0.19876	0.39434	0.38600
127	9.3759	0.93150	0.20555	0.40781	0.43200
137	9.3909	0.93299	0.20588	0.40847	0.47800
142	9.4159	0.93547	0.20643	0.40955	0.52200
152	7.8666	0.78155	0.17246	0.34216	0.56300
157	9.4159	0.93547	0.20643	0.40955	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8666	0.78155	0.17246	0.34216	-1.0000
-157	9.4159	0.93547	0.20643	0.40955	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9611	0.89029	0.19646	0.38977	0.79300
172	10.330	1.0263	0.22648	0.44933	0.84400

>ADDITIONAL PRESSURE RATIOS , 60 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.415	1.0348	0.22834	0.45302	0.79300
187	10.340	1.0273	0.22669	0.44976	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.523	1.1448	0.21619	0.42711	0.43400
37	6.3789	0.62976	0.11892	0.23495	0.53300
47	7.7278	0.76774	0.14498	0.28643	0.63100
52	10.380	1.0312	0.19474	0.38473	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.0315	0.89726	0.16944	0.33475	0.42200
67	13.950	1.3859	0.26171	0.51704	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.641	4.1370	0.78123	1.5434	0.56400
82	25.034	2.4871	0.46968	0.92791	0.63500
92	10.205	1.0139	0.19146	0.37825	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2223	0.81687	0.15426	0.30476	-1.0000
-112	8.4621	0.84069	0.15876	0.31365	-1.0000
-122	8.9416	0.88853	0.16775	0.33142	-1.0000
-127	9.3061	0.92455	0.17459	0.34494	-1.0000
-137	9.3111	0.92505	0.17469	0.34512	-1.0000
-142	9.3611	0.93001	0.17562	0.34697	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2223	0.81687	0.15426	0.30476	0.31900
112	8.4621	0.84069	0.15876	0.31365	0.34000
122	8.9416	0.88833	0.16775	0.33142	0.38600
127	9.3061	0.92455	0.17459	0.34494	0.43200
137	9.3111	0.92505	0.17469	0.34512	0.47800
142	9.3611	0.93001	0.17562	0.34697	0.52200
152	7.8726	0.78213	0.14770	0.29180	0.56300
157	9.3611	0.93001	0.17562	0.34697	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8726	0.78213	0.14770	0.29180	-1.0000
-157	9.3611	0.93001	0.17562	0.34697	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9515	0.88932	0.16794	0.33179	0.79300
172	10.325	1.0258	0.19371	0.38270	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.420	1.0352	0.19549	0.38621	0.79300
187	10.340	1.0272	0.19399	0.38325	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.249	1.3135	0.21802	0.42699	0.43400
37	7.2834	0.72212	0.11986	0.23474	0.53300
47	8.8639	0.87882	0.14587	0.28567	0.63100
52	10.259	1.0171	0.16883	0.33064	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.364	1.0276	0.17055	0.33402	0.42200
67	13.948	1.3829	0.22954	0.44954	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.450	4.7045	0.78086	1.5293	0.56400
82	28.557	2.8313	0.46993	0.92035	0.63500
92	10.244	1.0157	0.16858	0.33016	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2237	0.81535	0.13533	0.26504	-1.0000
-112	8.4988	0.84262	0.13986	0.27391	-1.0000
-122	8.9839	0.89072	0.14784	0.28954	-1.0000
-127	9.3240	0.92443	0.15344	0.30050	-1.0000
-137	9.3490	0.92691	0.15385	0.30131	-1.0000
-142	9.3890	0.93088	0.15451	0.30260	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2237	0.81535	0.13533	0.26504	0.31900
112	8.4988	0.84262	0.13986	0.27391	0.34000
122	8.9839	0.89072	0.14784	0.28954	0.38600
127	9.3240	0.92443	0.15344	0.30050	0.43200
137	9.3490	0.92691	0.15385	0.30131	0.47800
142	9.3890	0.93088	0.15451	0.30260	0.52200
152	7.9086	0.78411	0.13013	0.25489	0.56300
157	9.3840	0.93038	0.15443	0.30244	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9086	0.78411	0.13015	0.25489	-1.0000
-157	9.3840	0.93038	0.15443	0.30244	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9539	0.88774	0.14735	0.28858	0.79300
172	10.334	1.0246	0.17006	0.33306	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.469	1.0380	0.17228	0.33741	0.79300
187	10.404	1.0315	0.17121	0.33531	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.357	1.5244	0.21619	0.42827	0.43400
37	8.6430	0.85796	0.12167	0.24103	0.53300
47	10.377	1.0301	0.14608	0.28939	0.63100
52	10.212	1.0137	0.14376	0.28479	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.006	1.1918	0.16901	0.33480	0.42200
67	13.939	1.3836	0.19625	0.38871	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	5.5537	0.55130	0.078184	0.15488	0.56400
82	33.359	3.3115	0.46962	0.93030	0.63500
92	10.202	1.0127	0.14362	0.28451	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3431	0.82819	0.11745	0.23267	-1.0000
-112	8.6280	0.85647	0.12146	0.24061	-1.0000
-122	9.0927	0.90261	0.12801	0.25357	-1.0000
-127	9.4425	0.93733	0.13293	0.26333	-1.0000
-137	9.4625	0.93931	0.13321	0.26389	-1.0000
-142	9.4975	0.94279	0.13370	0.26486	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3431	0.82819	0.11745	0.23267	0.31900
112	8.6280	0.85647	0.12146	0.24061	0.34000
122	9.0927	0.90261	0.12801	0.25357	0.38600
127	9.4425	0.93733	0.13293	0.26333	0.43200
137	9.4625	0.93931	0.13321	0.26389	0.47800
142	9.4975	0.94279	0.13370	0.26486	0.52200
152	8.0332	0.79743	0.11309	0.22403	0.56300
157	9.5025	0.94328	0.13377	0.26500	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0332	0.79743	0.11309	0.22403	-1.0000
-157	9.5025	0.94328	0.13377	0.26500	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9678	0.89020	0.12625	0.25009	0.79300
172	10.432	1.0355	0.14686	0.29092	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.597	1.0430	0.14791	0.29301	0.79300
187	10.472	1.0395	0.14742	0.29203	0.84400

>PORTION 5 MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS
OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.307	1.5208	0.21586	0.42716	0.43400
37	8.6092	0.85540	0.12141	0.24026	0.53300
47	10.333	1.0266	0.14571	0.28835	0.63100
52	10.208	1.0142	0.14395	0.28487	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.971	1.1894	0.16882	0.33407	0.42200
67	13.913	1.3824	0.19621	0.38828	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	4.9859	0.49539	0.070312	0.13914	0.56400
82	33.324	3.3110	0.46994	0.92996	0.63500
92	10.188	1.0122	0.14367	0.28431	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3794	0.83256	0.11817	0.23384	-1.0000
-112	8.6392	0.85837	0.12183	0.24109	-1.0000
-122	9.0339	0.89759	0.12740	0.25211	-1.0000
-127	9.4036	0.93432	0.13261	0.26242	-1.0000
-137	9.4435	0.93829	0.13318	0.26354	-1.0000
-142	9.4885	0.94276	0.13381	0.26479	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3794	0.83256	0.11817	0.23384	0.31900
112	8.6392	0.85837	0.12183	0.24109	0.34000
122	9.0339	0.89759	0.12740	0.25211	0.38600
127	9.4036	0.93432	0.13261	0.26242	0.43200
137	9.4435	0.93829	0.13318	0.26354	0.47800
142	9.4885	0.94276	0.13381	0.26479	0.52200
152	8.0046	0.79533	0.11288	0.22338	0.56300
157	9.5085	0.94475	0.13409	0.26535	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0046	0.79533	0.11288	0.22338	-1.0000
-157	9.5085	0.94475	0.13409	0.26535	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9699	0.89114	0.12648	0.25029	0.79300
172	10.443	1.0376	0.14726	0.29142	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.547	1.0480	0.14874	0.29435	0.79300
187	10.483	1.0415	0.14783	0.29253	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.220	1.3103	0.21909	0.42798	0.43400
37	7.3569	0.72916	0.12192	0.23817	0.53300
47	8.8869	0.88080	0.14728	0.28770	0.63100
52	10.317	1.0225	0.17097	0.33398	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.337	1.0245	0.17130	0.33463	0.42200
67	13.900	1.3776	0.23035	0.44998	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.154	4.6736	0.78147	1.5266	0.56400
82	28.483	2.8230	0.47204	0.92210	0.63500
92	10.222	1.0131	0.16940	0.33091	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2919	0.82183	0.13742	0.26844	-1.0000
-112	8.5669	0.84909	0.14198	0.27734	-1.0000
-122	8.9319	0.88526	0.14802	0.28916	-1.0000
-127	9.3318	0.92489	0.15465	0.30210	-1.0000
-137	9.3418	0.92589	0.15482	0.30243	-1.0000
-142	9.3718	0.92886	0.15532	0.30340	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2919	0.82183	0.13742	0.26844	0.31900
112	8.5669	0.84909	0.14198	0.27734	0.34000
122	8.9319	0.88526	0.14802	0.28916	0.38600
127	9.3318	0.92489	0.15465	0.30210	0.43200
137	9.3418	0.92589	0.15482	0.30243	0.47800
142	9.3718	0.92886	0.15532	0.30340	0.52200
152	7.8220	0.77525	0.12963	0.25322	0.56300
157	9.3818	0.92985	0.15548	0.30372	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8220	0.77525	0.12963	0.25322	-1.0000
-157	9.3818	0.92985	0.15548	0.30372	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9569	0.88773	0.14844	0.28997	0.79300
172	10.327	1.0235	0.17114	0.33431	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.461	1.0369	0.17337	0.33868	0.79300
187	10.377	1.0284	0.17197	0.33592	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.524	1.1453	0.21760	0.42763	0.43400
37	6.3575	0.63185	0.12004	0.23591	0.53300
47	7.7333	0.76859	0.14602	0.28697	0.63100
52	10.379	1.0315	0.19598	0.38514	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.0238	0.89685	0.17039	0.33485	0.42200
67	13.874	1.3789	0.26196	0.51482	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.398	4.1144	0.78168	1.5362	0.56400
82	25.009	2.4856	0.47222	0.92803	0.63500
92	10.204	1.0141	0.19267	0.37865	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3336	0.82825	0.15735	0.30924	-1.0000
-112	8.5286	0.84764	0.16104	0.31648	-1.0000
-122	8.9188	0.88641	0.16840	0.33096	-1.0000
-127	9.2689	0.92121	0.17501	0.34395	-1.0000
-137	9.3189	0.92618	0.17596	0.34580	-1.0000
-142	9.3589	0.93015	0.17671	0.34729	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3336	0.82825	0.15735	0.30924	0.31900
112	8.5286	0.84764	0.16104	0.31648	0.34000
122	8.9188	0.88641	0.16840	0.33096	0.38600
127	9.2689	0.92121	0.17501	0.34395	0.43200
137	9.3189	0.92618	0.17596	0.34580	0.47800
142	9.3589	0.93015	0.17671	0.34729	0.52200
152	7.8384	0.77903	0.14800	0.29086	0.56300
157	9.3839	0.93264	0.17719	0.34821	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8384	0.77903	0.14800	0.29086	-1.0000
-157	9.3839	0.93264	0.17719	0.34821	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9588	0.89039	0.16916	0.33244	0.79300
172	10.319	1.0256	0.19484	0.38292	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.434	1.0370	0.19702	0.38718	0.79300
187	10.354	1.0291	0.19550	0.38422	0.84400

>OPTION 5 MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	9.8521	0.97680	0.21533	0.42748	0.43400
37	5.4512	0.54047	0.11914	0.23653	0.53300
47	9.4276	0.93471	0.20605	0.40906	0.63100
52	10.137	1.0050	0.22155	0.43983	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	7.7395	0.76734	0.16915	0.33582	0.42200
67	13.806	1.3688	0.30175	0.59905	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	35.569	3.5265	0.77739	1.5433	0.36400
82	21.507	2.1323	0.47008	0.93318	0.63500
92	10.227	1.0139	0.22351	0.44373	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.3589	0.82875	0.18269	0.36269	-1.0000
-112	8.6036	0.85301	0.18804	0.37331	-1.0000
-122	9.0181	0.89411	0.19710	0.39130	-1.0000
-127	9.3577	0.92778	0.20452	0.40603	-1.0000
-137	9.3627	0.92828	0.20463	0.40625	-1.0000
-142	9.4027	0.93224	0.20550	0.40798	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.3589	0.82875	0.18269	0.36269	0.31900
112	8.6036	0.85301	0.18804	0.37331	0.34000
122	9.0181	0.89411	0.19710	0.39130	0.38600
127	9.3577	0.92778	0.20452	0.40603	0.43200
137	9.3627	0.92828	0.20463	0.40625	0.47800
142	9.4027	0.93224	0.20550	0.40798	0.52200
152	7.8744	0.78071	0.17210	0.34167	0.56300
157	9.3827	0.93026	0.20507	0.40711	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.8744	0.78071	0.17210	0.34167	-1.0000
-157	9.3827	0.93026	0.20507	0.40711	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9582	0.88817	0.19579	0.38870	0.79300
172	10.292	1.0204	0.22493	0.44655	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.396	1.0308	0.22722	0.45110	0.79300
187	10.331	1.0243	0.22581	0.44828	0.84400

>OPTION F MEASURED TURBOFT PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.7992	0.77458	0.21988	0.42813	0.43400
37	9.8976	0.98298	0.27904	0.54332	0.53300
47	10.042	0.99737	0.28312	0.55127	0.63100
52	10.297	1.0227	0.29039	0.56525	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.1759	0.61327	0.17409	0.33897	0.42200
67	13.763	1.3669	0.38802	0.75551	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.508	2.7320	0.77552	1.5100	0.56400
82	16.894	1.6580	0.47064	0.91640	0.63500
92	10.222	1.0152	0.28819	0.56114	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3988	0.83413	0.23678	0.46104	-1.0000
-112	8.7186	0.86589	0.24580	0.47860	-1.0000
-122	9.0983	0.90360	0.25650	0.49944	-1.0000
-127	9.4380	0.93734	0.26608	0.51809	-1.0000
-137	9.4480	0.93833	0.26636	0.51864	-1.0000
-142	9.4630	0.93982	0.26678	0.51946	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3988	0.83413	0.23678	0.46104	0.31900
112	8.7186	0.86589	0.24580	0.47860	0.34000
122	9.0983	0.90360	0.25650	0.49944	0.38600
127	9.4380	0.93734	0.26608	0.51809	0.43200
137	9.4480	0.93833	0.26636	0.51864	0.47800
142	9.4630	0.93982	0.26678	0.51946	0.52200
152	7.9392	0.78848	0.22382	0.43581	0.56300
157	9.4230	0.93585	0.26566	0.51726	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9392	0.78848	0.22382	0.43581	-1.0000
-157	9.4230	0.93585	0.26566	0.51726	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9584	0.88971	0.25256	0.49176	0.79300
172	10.247	1.0177	0.28889	0.56251	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.352	1.0281	0.29185	0.56827	0.79300
187	10.277	1.0207	0.28974	0.56416	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	8.4348	0.83966	0.23801	0.42727	0.43400
37	9.4945	0.98497	0.27920	0.50121	0.53300
47	9.7596	0.97153	0.27539	0.49437	0.63100
52	10.184	1.0138	0.28738	0.51590	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	6.6698	0.66396	0.18821	0.33786	0.42200
67	13.712	1.3650	0.38694	0.69461	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	27.491	2.7366	0.77573	1.3925	0.56400
82	16.615	1.6540	0.46884	0.84164	0.63500
92	10.194	1.0148	0.28766	0.51640	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.4598	0.84215	0.23872	0.42854	-1.0000
-112	8.7298	0.86902	0.24634	0.44221	-1.0000
-122	9.1047	0.90634	0.25692	0.46120	-1.0000
-127	9.3947	0.93521	0.26510	0.47589	-1.0000
-137	9.3797	0.93371	0.26467	0.47513	-1.0000
-142	9.4197	0.93769	0.26580	0.47716	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.4598	0.84215	0.23872	0.42854	0.31900
112	8.7298	0.86902	0.24634	0.44221	0.34000
122	9.1047	0.90634	0.25692	0.46120	0.38600
127	9.3947	0.93521	0.26510	0.47589	0.43200
137	9.3797	0.93371	0.26467	0.47513	0.47800
142	9.4197	0.93769	0.26580	0.47716	0.52200
152	7.8549	0.78193	0.22165	0.39789	0.56300
157	9.3847	0.93421	0.26482	0.47538	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	7.8549	0.78193	0.22165	0.39789	-1.0000
-157	9.3847	0.93421	0.26482	0.47538	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.9248	0.88843	0.25184	0.45209	0.79300
172	10.184	1.0138	0.28738	0.51590	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.304	1.0258	0.29077	0.52197	0.79300
187	10.219	1.0173	0.28837	0.51767	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	10.786	1.0737	0.23634	0.42733	0.43400
37	5.9262	0.58998	0.12986	0.23480	0.53300
47	9.5011	0.94586	0.20819	0.37644	0.63100
52	10.236	1.0190	0.22429	0.40555	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.4564	0.84186	0.18530	0.33504	0.42200
67	13.674	1.3613	0.29962	0.54176	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTF	X/DMAX
77	35.721	3.5561	0.78273	1.4153	0.56400
82	21.437	2.1341	0.46972	0.84932	0.63500
92	10.191	1.0145	0.22331	0.40377	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.3064	0.82693	0.18201	0.32910	-1.0000
-112	8.5113	0.84733	0.18650	0.33722	-1.0000
-122	8.9613	0.89212	0.19636	0.35505	-1.0000
-127	9.3562	0.93143	0.20501	0.37069	-1.0000
-137	9.3212	0.92795	0.20425	0.36931	-1.0000
-142	9.3562	0.93143	0.20501	0.37069	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.3064	0.82693	0.18201	0.32910	0.31900
112	8.5113	0.84733	0.18650	0.33722	0.34000
122	8.9613	0.89212	0.19636	0.35505	0.38600
127	9.3562	0.93143	0.20501	0.37069	0.43200
137	9.3212	0.92795	0.20425	0.36931	0.47800
142	9.3562	0.93143	0.20501	0.37069	0.52200
152	7.9214	0.78860	0.17358	0.31385	0.56300
157	9.3562	0.93143	0.20501	0.37069	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	7.9214	0.78860	0.17358	0.31385	-1.0000
-157	9.3562	0.93143	0.20501	0.37069	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.9313	0.88913	0.19570	0.35386	0.79300
172	10.271	1.0225	0.22506	0.40693	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.351	1.0305	0.22681	0.41010	0.79300
187	10.281	1.0235	0.22528	0.40733	0.84400

>SECTION F MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.615	1.2539	0.23666	0.42606	0.43400
37	6.9344	0.68878	0.13009	0.23421	0.53300
47	8.4423	0.83856	0.15838	0.28514	0.63100
52	10.624	1.0552	0.19931	0.35881	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.8700	0.98037	0.18517	0.33336	0.42200
67	13.633	1.3541	0.25576	0.46044	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	41.846	4.1565	0.78505	1.4133	0.56400
82	25.007	2.4839	0.46915	0.84459	0.63500
92	10.209	1.0141	0.19154	0.34482	0.79200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.2276	0.81724	0.15436	0.27788	-1.0000
-112	8.5821	0.85245	0.16101	0.28986	-1.0000
-122	8.9965	0.89360	0.16878	0.30385	-1.0000
-127	9.3209	0.92583	0.17487	0.31481	-1.0000
-137	9.3609	0.92980	0.17562	0.31616	-1.0000
-142	9.3709	0.93079	0.17580	0.31650	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.2276	0.81724	0.15436	0.27788	0.31900
112	8.5821	0.85245	0.16101	0.28986	0.34000
122	8.9965	0.89360	0.16878	0.30385	0.38600
127	9.3209	0.92583	0.17487	0.31481	0.43200
137	9.3609	0.92980	0.17562	0.31616	0.47800
142	9.3709	0.93079	0.17580	0.31650	0.52200
152	7.8981	0.78451	0.14817	0.26676	0.56300
157	9.3709	0.93079	0.17580	0.31650	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.8981	0.78451	0.14817	0.26676	-1.0000
-157	9.3709	0.93079	0.17580	0.31650	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9416	0.88815	0.16775	0.30200	0.79300
172	10.309	1.0240	0.19341	0.34819	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.409	1.0339	0.19528	0.35156	0.79300
187	10.339	1.0270	0.19397	0.34920	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.377	1.4247	0.24121	0.46030	0.43400
37	8.0075	0.79349	0.13434	0.25637	0.53300
47	9.6328	0.95456	0.16161	0.30840	0.63100
52	10.138	1.0046	0.17008	0.32457	0.72500

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.133	1.1032	0.18678	0.35643	0.42200
67	13.642	1.3519	0.22888	0.43677	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.858	4.6433	0.78614	1.5002	0.56400
82	27.966	2.7713	0.46919	0.89536	0.63500
92	10.238	1.0145	0.17176	0.32778	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2025	0.81282	0.13761	0.26261	-1.0000
-112	8.4776	0.84008	0.14223	0.27142	-1.0000
-122	8.9577	0.88766	0.15029	0.28679	-1.0000
-127	9.3228	0.92384	0.15641	0.29848	-1.0000
-137	9.3378	0.92532	0.15666	0.29896	-1.0000
-142	9.3828	0.92978	0.15742	0.30040	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2025	0.81282	0.13761	0.26261	0.31900
112	8.4776	0.84008	0.14223	0.27142	0.34000
122	8.9577	0.88766	0.15029	0.28679	0.38600
127	9.3228	0.92384	0.15641	0.29848	0.43200
137	9.3378	0.92532	0.15666	0.29896	0.47800
142	9.3828	0.92978	0.15742	0.30040	0.52200
152	7.9275	0.78556	0.13300	0.25380	0.56300
157	9.3978	0.93127	0.15767	0.30088	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9275	0.78556	0.13300	0.25380	-1.0000
-157	9.3978	0.93127	0.15767	0.30088	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9527	0.88716	0.15020	0.28663	0.79300
172	10.348	1.0254	0.17361	0.33130	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.453	1.0358	0.17537	0.33466	0.79300
187	10.388	1.0294	0.17428	0.33258	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.352	1.4277	0.23633	0.42837	0.43400
37	7.9815	0.79396	0.13143	0.23823	0.53300
47	9.6381	0.95875	0.15871	0.28767	0.63100
52	10.117	1.0064	0.16660	0.30197	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.215	1.1156	0.18467	0.33473	0.42200
67	13.604	1.3532	0.22401	0.40604	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.636	4.7387	0.78442	1.4218	0.56400
82	28.504	2.8354	0.46937	0.85077	0.63500
92	10.192	1.0138	0.16783	0.30420	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2260	0.81829	0.13546	0.24552	-1.0000
-112	8.5104	0.84658	0.14014	0.25402	-1.0000
-122	8.9595	0.89126	0.14753	0.26742	-1.0000
-127	9.3388	0.92898	0.15378	0.27874	-1.0000
-137	9.3637	0.93146	0.15419	0.27948	-1.0000
-142	9.4186	0.93692	0.15509	0.28112	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2260	0.81829	0.13546	0.24552	0.31900
112	8.5104	0.84658	0.14014	0.25402	0.34000
122	8.9595	0.89126	0.14753	0.26742	0.38600
127	9.3388	0.92898	0.15378	0.27874	0.43200
137	9.3637	0.93146	0.15419	0.27948	0.47800
142	9.4186	0.93692	0.15509	0.28112	0.52200
152	7.8966	0.78552	0.13003	0.23569	0.56300
157	9.4136	0.93642	0.15501	0.28097	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8966	0.78552	0.13003	0.23569	-1.0000
-157	9.4136	0.93642	0.15501	0.28097	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9396	0.88927	0.14721	0.26682	0.79300
172	10.372	1.0317	0.17079	0.30956	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.481	1.0426	0.17259	0.31284	0.79300
187	10.401	1.0347	0.17128	0.31046	0.84400

WEIGHTED TURBINE PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.795	1.6690	0.23640	0.42685	0.43400
37	9.5867	0.95265	0.13494	0.24365	0.53300
47	11.353	1.1282	0.15980	0.28854	0.63100
52	10.320	1.0255	0.14527	0.26229	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.164	1.3081	0.18529	0.33457	0.42200
67	13.598	1.3513	0.19140	0.34560	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	3.2058	0.31857	0.045125	0.081478	0.56400
82	33.292	3.3083	0.46861	0.84614	0.63500
92	10.190	1.0127	0.14344	0.25900	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4189	0.83661	0.11850	0.21397	-1.0000
-112	8.6984	0.86438	0.12244	0.22107	-1.0000
-122	9.1026	0.90455	0.12813	0.23135	-1.0000
-127	9.4120	0.93530	0.13248	0.23921	-1.0000
-137	9.4619	0.94026	0.13319	0.24048	-1.0000
-142	9.4769	0.94175	0.13340	0.24086	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4189	0.83661	0.11850	0.21397	0.31900
112	8.6984	0.86438	0.12244	0.22107	0.34000
122	9.1026	0.90455	0.12813	0.23135	0.38600
127	9.4120	0.93530	0.13248	0.23921	0.43200
137	9.4619	0.94026	0.13319	0.24048	0.47800
142	9.4769	0.94175	0.13340	0.24086	0.52200
152	8.0495	0.79990	0.11330	0.20458	0.56300
157	9.4719	0.94125	0.13333	0.24073	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0495	0.79990	0.11330	0.20458	-1.0000
-157	9.4719	0.94125	0.13333	0.24073	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9529	0.88967	0.12602	0.22754	0.79300
172	10.390	1.0325	0.14625	0.26407	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.485	1.0419	0.14758	0.26648	0.79300
187	10.450	1.0384	0.14709	0.26559	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.360	1.4267	0.23673	0.42784	0.43400
37	8.0502	0.79981	0.13271	0.23984	0.53300
47	9.6831	0.96204	0.15962	0.28849	0.63100
52	10.147	1.0082	0.16728	0.30232	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.236	1.1163	0.18522	0.33475	0.42200
67	13.587	1.3499	0.22398	0.40479	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	45.509	4.5215	0.75021	1.3559	0.56400
82	28.483	2.8299	0.46954	0.84860	0.63500
92	10.217	1.0151	0.16843	0.30441	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.2649	0.82115	0.13625	0.24624	-1.0000
-112	8.5246	0.84695	0.14053	0.25398	-1.0000
-122	8.9791	0.89209	0.14802	0.26751	-1.0000
-127	9.3286	0.92682	0.15378	0.27793	-1.0000
-137	9.3636	0.93030	0.15436	0.27897	-1.0000
-142	9.3985	0.93377	0.15493	0.28001	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.2649	0.82115	0.13625	0.24624	0.31900
112	8.5246	0.84695	0.14053	0.25398	0.34000
122	8.9791	0.89209	0.14802	0.26751	0.38600
127	9.3286	0.92682	0.15378	0.27793	0.43200
137	9.3636	0.93030	0.15436	0.27897	0.47800
142	9.3985	0.93377	0.15493	0.28001	0.52200
152	7.9603	0.79088	0.13122	0.23716	0.56300
157	9.4035	0.93426	0.15502	0.28016	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.9603	0.79088	0.13122	0.23716	-1.0000
-157	9.4035	0.93426	0.15502	0.28016	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9441	0.88862	0.14744	0.26647	0.79300
172	10.352	1.0285	0.17065	0.30842	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.472	1.0404	0.17263	0.31199	0.79300
187	10.402	1.0335	0.17148	0.30991	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.803	1.6652	0.23656	0.42841	0.43400
37	9.5981	0.95120	0.13513	0.24472	0.53300
47	11.372	1.1270	0.16011	0.28995	0.63100
52	10.323	1.0230	0.14533	0.26320	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.166	1.3048	0.18536	0.33569	0.42200
57	13.606	1.3484	0.19155	0.34690	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	3.1672	0.31388	0.044591	0.080754	0.56400
82	33.366	3.3066	0.46975	0.85071	0.63500
92	10.233	1.0141	0.14407	0.26090	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4885	0.84123	0.11951	0.21643	-1.0000
-112	8.7384	0.86600	0.12303	0.22280	-1.0000
-122	9.1283	0.90464	0.12852	0.23274	-1.0000
-127	9.4682	0.93832	0.13330	0.24141	-1.0000
-137	9.5081	0.94228	0.13386	0.24243	-1.0000
-142	9.5581	0.94724	0.13457	0.24370	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4885	0.84123	0.11951	0.21643	0.31900
112	8.7384	0.86600	0.12303	0.22280	0.34000
122	9.1283	0.90464	0.12852	0.23274	0.38600
127	9.4682	0.93832	0.13330	0.24141	0.43200
137	9.5081	0.94228	0.13386	0.24243	0.47800
142	9.5581	0.94724	0.13457	0.24370	0.52200
152	8.0985	0.80259	0.11402	0.20649	0.56300
157	9.5681	0.94823	0.13471	0.24396	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0985	0.80259	0.11402	0.20649	-1.0000
-157	9.5681	0.94823	0.13471	0.24396	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9733	0.88928	0.12633	0.22879	0.79300
172	10.463	1.0369	0.14730	0.26676	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.553	1.0458	0.14857	0.26906	0.79300
187	10.513	1.0418	0.14801	0.26804	0.84400

MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.579	1.2481	0.23662	0.42723	0.43400
37	6.9798	0.69249	0.13129	0.23705	0.53300
47	8.4501	0.83837	0.15895	0.28699	0.63100
52	10.620	1.0536	0.19976	0.36068	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.8401	0.97627	0.18509	0.33419	0.42200
67	13.564	1.3457	0.25514	0.46066	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	39.968	3.9654	0.75180	1.3574	0.56400
82	25.006	2.4810	0.47037	0.84927	0.63500
92	10.230	1.0150	0.19243	0.34744	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.3201	0.82547	0.15650	0.28257	-1.0000
-112	8.5451	0.84779	0.16073	0.29021	-1.0000
-122	8.9851	0.89145	0.16901	0.30516	-1.0000
-127	9.3751	0.93014	0.17635	0.31840	-1.0000
-137	9.3901	0.93163	0.17663	0.31891	-1.0000
-142	9.4301	0.93560	0.17738	0.32027	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.3201	0.82547	0.15650	0.28257	0.31900
112	8.5451	0.84779	0.16073	0.29021	0.34000
122	8.9851	0.89145	0.16901	0.30516	0.38600
127	9.3751	0.93014	0.17635	0.31840	0.43200
137	9.3901	0.93163	0.17663	0.31891	0.47800
142	9.4301	0.93560	0.17738	0.32027	0.52200
152	7.9600	0.78974	0.14973	0.27034	0.56300
157	9.4201	0.93461	0.17719	0.31993	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.9600	0.78974	0.14973	0.27034	-1.0000
-157	9.4201	0.93461	0.17719	0.31993	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9601	0.88897	0.16854	0.30431	0.79300
172	10.360	1.0279	0.19487	0.35185	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.445	1.0363	0.19647	0.35474	0.79300
187	10.375	1.0293	0.19515	0.35236	0.84400

SECTION F MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 01:33:31.002 FAC 8X6X1 PGM C034 RDG 2031

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.820	1.0734	0.23660	0.42712	0.43400
37	5.9530	0.59059	0.13017	0.23500	0.53300
47	9.6147	0.95387	0.21024	0.37955	0.63100
52	10.290	1.0208	0.22501	0.40620	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.4944	0.84273	0.18575	0.33532	0.42200
67	13.545	1.3438	0.29618	0.53468	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	34.432	3.4160	0.75292	1.3592	0.56400
82	21.506	2.1336	0.47028	0.84897	0.63500
92	10.220	1.0139	0.22348	0.40343	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3193	0.82536	0.18192	0.32841	-1.0000
-112	8.5844	0.85166	0.18772	0.33888	-1.0000
-122	8.9695	0.88987	0.19614	0.35408	-1.0000
-127	9.3696	0.92956	0.20489	0.36987	-1.0000
-137	9.3546	0.92807	0.20456	0.36928	-1.0000
-142	9.3796	0.93055	0.20510	0.37027	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3193	0.82536	0.18192	0.32841	0.31900
112	8.5844	0.85166	0.18772	0.33888	0.34000
122	8.9695	0.88987	0.19614	0.35408	0.38600
127	9.3696	0.92956	0.20489	0.36987	0.43200
137	9.3546	0.92807	0.20456	0.36928	0.47800
142	9.3796	0.93055	0.20510	0.37027	0.52200
152	7.8591	0.77970	0.17186	0.31025	0.56300
157	9.3696	0.92956	0.20489	0.36987	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8591	0.77970	0.17186	0.31025	-1.0000
-157	9.3696	0.92956	0.20489	0.36987	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9495	0.88788	0.19570	0.35329	0.79300
172	10.265	1.0184	0.22446	0.40521	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.390	1.0308	0.22719	0.41015	0.79300
187	10.300	1.0218	0.22523	0.40659	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII PEC 11/03/79 01:34:56.500 FAC 8X6X1 PGM C034 RDG 2032

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.4464	0.83905	0.23811	0.42714	0.43400
37	9.8905	0.98251	0.27883	0.50017	0.53300
47	9.7656	0.97010	0.27530	0.49385	0.63100
52	10.195	1.0128	0.28742	0.51558	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.6771	0.66329	0.18824	0.33766	0.42200
67	13.477	1.3388	0.37994	0.68155	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	26.655	2.6479	0.75145	1.3480	0.56400
82	16.648	1.6538	0.46934	0.84191	0.63500
92	10.215	1.0148	0.28798	0.51659	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.5713	0.85146	0.24164	0.43346	-1.0000
-112	8.7862	0.87281	0.24769	0.44432	-1.0000
-122	9.0461	0.89862	0.25502	0.45746	-1.0000
-127	9.4608	0.93982	0.26671	0.47844	-1.0000
-137	9.4358	0.93734	0.26601	0.47717	-1.0000
-142	9.4408	0.93783	0.26615	0.47743	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.5713	0.85146	0.24164	0.43346	0.31900
112	8.7862	0.87281	0.24769	0.44432	0.34000
122	9.0461	0.89862	0.25502	0.45746	0.38600
127	9.4608	0.93982	0.26671	0.47844	0.43200
137	9.4358	0.93734	0.26601	0.47717	0.47800
142	9.4408	0.93783	0.26615	0.47743	0.52200
152	7.9516	0.78990	0.22417	0.40212	0.56300
157	9.4358	0.93734	0.26601	0.47717	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9516	0.78990	0.22417	0.40212	-1.0000
-157	9.4358	0.93734	0.26601	0.47717	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9261	0.88671	0.25164	0.45140	0.79300
172	10.235	1.0168	0.28854	0.51760	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.330	1.0262	0.29122	0.52240	0.79300
187	10.250	1.0182	0.28897	0.51836	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.7716	0.77255	0.21947	0.42760	0.43400
37	9.8466	0.97881	0.27807	0.54177	0.53300
47	9.9766	0.99173	0.28174	0.54892	0.63100
52	10.257	1.0196	0.28964	0.56432	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.1612	0.61246	0.17399	0.33899	0.42200
67	13.435	1.3356	0.37941	0.73923	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	26.826	2.6667	0.75756	1.4760	0.56400
82	16.868	1.6769	0.47671	0.91710	0.83500
92	10.202	1.0141	0.28809	0.56130	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3317	0.83319	0.23670	0.46117	-1.0000
-112	8.7217	0.86699	0.24630	0.47988	-1.0000
-122	9.0567	0.90029	0.25576	0.49831	-1.0000
-127	9.3667	0.93110	0.26451	0.51536	-1.0000
-137	9.4017	0.93458	0.26550	0.51729	-1.0000
-142	9.4117	0.93558	0.26578	0.51784	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3817	0.83319	0.23670	0.46117	0.31900
112	8.7217	0.86699	0.24630	0.47988	0.34000
122	9.0567	0.90029	0.25576	0.49831	0.38600
127	9.3667	0.93110	0.26451	0.51536	0.43200
137	9.4017	0.93458	0.26550	0.51729	0.47800
142	9.4117	0.93558	0.26578	0.51784	0.52200
152	7.9517	0.79044	0.22455	0.43751	0.56300
157	9.4117	0.93558	0.26578	0.51784	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9517	0.79044	0.22455	0.43751	-1.0000
-157	9.4117	0.93558	0.26578	0.51784	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9167	0.88637	0.25180	0.49060	0.79300
172	10.197	1.0136	0.28795	0.56102	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.297	1.0235	0.29077	0.56653	0.79300
187	10.217	1.0156	0.28851	0.56212	0.84400

>OPTION 5 MEASURED THRUST PERFORMANCE

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.8708	0.97991	0.21567	0.42721	0.43400
37	5.4443	0.54048	0.11895	0.23563	0.53300
47	9.4608	0.93921	0.20671	0.40946	0.63100
52	10.126	1.0052	0.22124	0.43824	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.7655	0.77091	0.16967	0.33609	0.42200
67	13.395	1.3298	0.29267	0.57974	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	34.955	3.4701	0.76373	1.5128	0.56400
82	21.500	2.1344	0.46977	0.93054	0.63500
92	10.226	1.0152	0.22343	0.44257	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3456	0.82850	0.18234	0.36120	-1.0000
-112	8.6007	0.85382	0.18792	0.37224	-1.0000
-122	8.9807	0.89156	0.19622	0.38869	-1.0000
-127	9.3158	0.92482	0.20354	0.40319	-1.0000
-137	9.3508	0.92829	0.20431	0.40470	-1.0000
-142	9.3708	0.93028	0.20474	0.40557	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3456	0.82850	0.18234	0.36120	0.31900
112	8.6007	0.85382	0.18792	0.37224	0.34000
122	8.9807	0.89156	0.19622	0.38869	0.38600
127	9.3158	0.92482	0.20354	0.40319	0.43200
137	9.3508	0.92829	0.20431	0.40470	0.47800
142	9.3708	0.93028	0.20474	0.40557	0.52200
152	7.8605	0.78034	0.17175	0.34020	0.56300
157	9.3858	0.93177	0.20507	0.40622	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8605	0.78034	0.17175	0.34020	-1.0000
-157	9.3858	0.93177	0.20507	0.40622	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9357	0.88709	0.19524	0.38674	0.79300
172	10.271	1.0196	0.22441	0.44452	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.381	1.0305	0.22681	0.44928	0.79300
187	10.296	1.0221	0.22495	0.44560	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.540	1.1492	0.21664	0.42699	0.43400
37	6.3476	0.63209	0.11916	0.23486	0.53300
47	7.7161	0.76836	0.14485	0.28549	0.63100
52	10.357	1.0314	0.19443	0.38322	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.0344	0.89963	0.16959	0.33427	0.42200
67	13.337	1.1281	0.25037	0.49347	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	40.718	4.0547	0.76437	1.5066	0.56400
82	26.973	2.4867	0.46879	0.92397	0.63500
92	10.183	1.0140	0.19115	0.37675	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3054	0.82704	0.15591	0.30729	-1.0000
-112	8.5650	0.85289	0.16078	0.31690	-1.0000
-122	8.9345	0.88969	0.16772	0.33057	-1.0000
-127	9.2840	0.92449	0.17428	0.34350	-1.0000
-137	9.3040	0.92648	0.17466	0.34424	-1.0000
-142	9.3539	0.93145	0.17559	0.34609	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3054	0.82704	0.15591	0.30729	0.31900
112	8.5650	0.85289	0.16078	0.31690	0.34000
122	8.9345	0.88969	0.16772	0.33057	0.38600
127	9.2840	0.92449	0.17428	0.34350	0.43200
137	9.3040	0.92648	0.17466	0.34424	0.47800
142	9.3539	0.93145	0.17559	0.34609	0.52200
152	7.9258	0.78925	0.14879	0.29325	0.56300
157	9.3539	0.93145	0.17559	0.34609	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.9258	0.78925	0.14879	0.29325	-1.0000
-157	9.3539	0.93145	0.17559	0.34609	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9195	0.88820	0.16744	0.33002	0.79300
172	10.712	1.0269	0.19359	0.38155	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.422	1.0378	0.19565	0.38562	0.79300
187	10.317	1.0274	0.19368	0.38174	0.84400

>MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.301	1.3239	0.21784	0.42641	0.43400
37	7.3104	0.72764	0.11973	0.23436	0.53300
47	8.8897	0.88484	0.14559	0.28499	0.63100
52	10.144	1.0097	0.16613	0.32520	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	10.414	1.0365	0.17055	0.33385	0.42200
67	13.331	1.3269	0.21823	0.42737	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	46.745	4.6528	0.76557	1.4986	0.56400
82	28.663	2.8530	0.46942	0.91889	0.63500
92	10.214	1.0166	0.16728	0.32744	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.1600	0.81222	0.13364	0.26160	-1.0000
-112	8.4599	0.84207	0.13855	0.27121	-1.0000
-122	8.9196	0.88783	0.14608	0.28595	-1.0000
-127	9.3194	0.92762	0.15263	0.29877	-1.0000
-137	9.3344	0.92911	0.15287	0.29925	-1.0000
-142	9.3694	0.93259	0.15345	0.30037	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.1600	0.81222	0.13364	0.26160	0.31900
112	8.4599	0.84207	0.13855	0.27121	0.34000
122	8.9196	0.88783	0.14608	0.28595	0.38600
127	9.3194	0.92762	0.15263	0.29877	0.43200
137	9.3344	0.92911	0.15287	0.29925	0.47800
142	9.3694	0.93259	0.15345	0.30037	0.52200
152	7.8052	0.77690	0.12783	0.25022	0.56300
157	9.3544	0.93110	0.15320	0.29989	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.8052	0.77690	0.12783	0.25022	-1.0000
-157	9.3544	0.93110	0.15320	0.29989	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9147	0.88733	0.14600	0.28579	0.79300
172	10.289	1.0241	0.16850	0.32984	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.419	1.0370	0.17063	0.33401	0.79300
187	10.339	1.0291	0.16932	0.33145	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.373	1.5239	0.21560	0.42761	0.43400
37	8.6986	0.86224	0.12199	0.24195	0.53300
47	10.391	1.0300	0.14573	0.28904	0.63100
52	10.222	1.0132	0.14335	0.28431	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.019	1.1914	0.16856	0.33431	0.42200
67	13.322	1.3205	0.18683	0.37055	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	4.1320	0.40958	0.057948	0.11493	0.56400
82	33.374	3.3082	0.46805	0.92830	0.63500
92	10.227	1.0137	0.14342	0.28445	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4638	0.83897	0.11870	0.23542	-1.0000
-112	8.7236	0.86472	0.12234	0.24264	-1.0000
-122	9.0931	0.90135	0.12752	0.25292	-1.0000
-127	9.4577	0.93749	0.13264	0.26306	-1.0000
-137	9.4677	0.93848	0.13278	0.26334	-1.0000
-142	9.5226	0.94392	0.13355	0.26487	-1.000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4638	0.83897	0.11870	0.23542	0.31900
112	8.7236	0.86472	0.12234	0.24264	0.34000
122	9.0931	0.90135	0.12752	0.25292	0.38600
127	9.4577	0.93749	0.13264	0.26306	0.43200
137	9.4677	0.93848	0.13278	0.26334	0.47800
142	9.5226	0.94392	0.13355	0.26487	0.52200
152	8.0093	0.79392	0.11232	0.22278	0.56300
157	9.4976	0.94145	0.13320	0.26417	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0093	0.79392	0.11232	0.22278	-1.0000
-157	9.4976	0.94145	0.13320	0.26417	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9483	0.88699	0.12549	0.24889	0.79300
172	10.421	1.0330	0.14615	0.28987	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.556	1.0464	0.14804	0.29362	0.79300
187	10.471	1.0380	0.14685	0.29126	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.307	1.5214	0.21533	0.42671	0.43400
37	8.6362	0.85841	0.12159	0.24076	0.53300
47	10.343	1.0281	0.14550	0.28834	0.63100
52	10.193	1.0132	0.14340	0.28416	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.985	1.1912	0.16859	0.33410	0.42200
67	13.292	1.3211	0.18698	0.37054	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	3.8778	0.38543	0.054551	0.10810	0.56400
82	33.306	3.3105	0.46853	0.92848	0.63500
92	10.193	1.0132	0.14340	0.28416	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.5065	0.84551	0.11967	0.23714	-1.0000
-112	8.7111	0.86585	0.12254	0.24284	-1.0000
-122	9.0854	0.90306	0.12781	0.25328	-1.0000
-127	9.4148	0.93580	0.13244	0.26246	-1.0000
-137	9.4398	0.93828	0.13279	0.26316	-1.0000
-142	9.4697	0.94125	0.13322	0.26399	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.5065	0.84551	0.11967	0.23714	0.31900
112	8.7111	0.86585	0.12254	0.24284	0.34000
122	9.0854	0.90306	0.12781	0.25328	0.38600
127	9.4148	0.93580	0.13244	0.26246	0.43200
137	9.4398	0.93828	0.13279	0.26316	0.47800
142	9.4697	0.94125	0.13322	0.26399	0.52200
152	8.0373	0.79887	0.11307	0.22406	0.56300
157	9.4797	0.94224	0.13336	0.26427	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.0373	0.79887	0.11307	0.22406	-1.0000
-157	9.4797	0.94224	0.13336	0.26427	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9357	0.88817	0.12570	0.24910	0.79300
172	10.413	1.0350	0.14648	0.29028	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.498	1.0434	0.14768	0.29265	0.79300
187	10.448	1.0385	0.14698	0.29126	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.217	1.3116	0.21778	0.42728	0.43400
37	7.3420	0.73058	0.12131	0.23800	0.53300
47	8.9811	0.88132	0.14634	0.28711	0.63100
52	10.250	1.0172	0.16889	0.33136	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.330	1.0251	0.17021	0.33395	0.42200
67	13.287	1.3185	0.21893	0.42954	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.008	4.5656	0.75809	1.4873	0.56400
82	28.501	2.8283	0.46962	0.92138	0.63500
92	10.230	1.0152	0.16857	0.33072	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2365	0.81736	0.13572	0.26627	-1.0000
-112	8.5013	0.84364	0.14008	0.27483	-1.0000
-122	8.8911	0.88232	0.14650	0.28743	-1.0000
-127	9.2958	0.92248	0.15317	0.30052	-1.0000
-137	9.3307	0.92595	0.15375	0.30165	-1.0000
-142	9.3807	0.93091	0.15457	0.30326	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2365	0.81736	0.13572	0.26627	0.31900
112	8.5013	0.84364	0.14008	0.27483	0.34000
122	8.8911	0.88232	0.14650	0.28743	0.38600
127	9.2958	0.92248	0.15317	0.30052	0.43200
137	9.3307	0.92595	0.15375	0.30165	0.47800
142	9.3807	0.93091	0.15457	0.30326	0.52200
152	7.8967	0.78364	0.13012	0.25529	0.56300
157	9.3957	0.93239	0.15482	0.30375	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8967	0.78364	0.13012	0.25529	-1.0000
-157	9.3957	0.93239	0.15482	0.30375	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9410	0.88727	0.14733	0.28905	0.79300
172	10.335	1.0256	0.17029	0.33411	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.475	1.0395	0.17260	0.33863	0.79300
187	10.395	1.0315	0.17128	0.33605	0.84400

>SECTION 5 MEASURED EXHAUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 01:50:12.336 FAC 8X6X1 PGM F034 RDG 2040

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.547	1.1478	0.21608	0.42642	0.43400
37	6.3728	0.63347	0.11925	0.23533	0.53300
47	7.7405	0.76942	0.14484	0.28584	0.63100
52	10.380	1.0318	0.19424	0.38332	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.0389	0.89840	0.16912	0.33375	0.42200
67	13.233	1.3154	0.24763	0.48868	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	40.483	4.0241	0.75752	1.4949	0.56400
82	25.076	2.4927	0.46923	0.92602	0.63500
92	10.206	1.0145	0.19097	0.37687	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2296	0.81804	0.15399	0.30390	-1.0000
-112	8.5040	0.84532	0.15913	0.31403	-1.0000
-122	8.9881	0.89344	0.16819	0.33191	-1.0000
-127	9.3424	0.92865	0.17482	0.34499	-1.0000
-137	9.3374	0.92816	0.17472	0.34481	-1.0000
-142	9.3873	0.93312	0.17566	0.34665	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2296	0.81804	0.15399	0.30390	0.31900
112	8.5040	0.84532	0.15913	0.31403	0.34000
122	8.9881	0.89344	0.16819	0.33191	0.38600
127	9.3424	0.92865	0.17482	0.34499	0.43200
137	9.3374	0.92816	0.17472	0.34481	0.47800
142	9.3873	0.93312	0.17566	0.34665	0.52200
152	7.8702	0.78232	0.14727	0.29063	0.56300
157	9.3923	0.93361	0.17575	0.34683	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8702	0.78232	0.14727	0.29063	-1.0000
-157	9.3923	0.93361	0.17575	0.34683	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9232	0.88699	0.16697	0.32951	0.79300
172	10.340	1.0278	0.19349	0.38184	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.455	1.0393	0.19564	0.38608	0.79300
187	10.360	1.0298	0.19386	0.38256	0.84400

MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 01:50:58.691 FAC 8X6X1 PGM C034 RDG 2041

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.8890	0.98050	0.21555	0.42703	0.43400
37	5.4629	0.54165	0.11908	0.23590	0.53300
47	9.4845	0.94039	0.20674	0.40956	0.63100
52	10.144	1.0057	0.22111	0.43803	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.7663	0.77003	0.16928	0.33537	0.42200
67	13.209	1.3097	0.28793	0.57041	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	34.707	3.4412	0.75653	1.4988	0.56400
82	21.539	2.1356	0.46950	0.93013	0.63500
92	10.214	1.0127	0.22263	0.44105	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2308	0.81609	0.17941	0.35543	-1.0000
-112	8.5405	0.84679	0.18616	0.36880	-1.0000
-122	9.0209	0.89434	0.19661	0.38951	-1.0000
-127	9.3796	0.92999	0.20445	0.40504	-1.0000
-137	9.3696	0.92900	0.20423	0.40460	-1.0000
-142	9.4146	0.93346	0.20521	0.40655	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2308	0.81609	0.17941	0.35543	0.31900
112	8.5405	0.84679	0.18616	0.36880	0.34000
122	9.0200	0.89434	0.19661	0.38951	0.38600
127	9.3796	0.92999	0.20445	0.40504	0.43200
137	9.3696	0.92900	0.20423	0.40460	0.47800
142	9.4146	0.93346	0.20521	0.40655	0.52200
152	7.8911	0.78241	0.17201	0.34076	0.56300
157	9.4245	0.93445	0.20543	0.40698	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8911	0.78241	0.17201	0.34076	-1.0000
-157	9.4245	0.93445	0.20543	0.40698	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.9451	0.88691	0.19498	0.38627	0.79300
172	10.343	1.0256	0.22546	0.44666	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.463	1.0374	0.22807	0.45183	0.79300
187	10.353	1.0265	0.22568	0.44709	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	7.7880	0.77401	0.22047	0.42862	0.43400
37	9.8739	0.98102	0.27944	0.54325	0.53300
47	10.011	0.99492	0.28340	0.55095	0.63100
52	10.265	1.0202	0.29061	0.56497	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	6.1491	0.61113	0.17408	0.33842	0.42200
67	13.167	1.3086	0.37273	0.72463	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	26.714	2.6549	0.75624	1.4702	0.56400
82	16.696	1.6593	0.47264	0.91886	0.63500
92	10.206	1.0143	0.28891	0.56167	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.5423	0.84897	0.24182	0.47013	-1.0000
-112	8.7871	0.87330	0.24875	0.48360	-1.0000
-122	9.1167	0.90606	0.25809	0.50174	-1.0000
-127	9.4514	0.93932	0.26756	0.52016	-1.0000
-137	9.4564	0.93982	0.26770	0.52044	-1.0000
-142	9.5013	0.94429	0.26897	0.52291	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.5423	0.84897	0.24182	0.47013	0.31900
112	8.7871	0.87330	0.24875	0.48360	0.34000
122	9.1167	0.90606	0.25809	0.50174	0.38600
127	9.4514	0.93932	0.26756	0.52016	0.43200
137	9.4564	0.93982	0.26770	0.52044	0.47800
142	9.5013	0.94429	0.26897	0.52291	0.52200
152	7.8879	0.78394	0.22330	0.43411	0.56300
157	9.4464	0.93883	0.26742	0.51989	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	7.8879	0.78394	0.22330	0.43411	-1.0000
-157	9.4464	0.93883	0.26742	0.51989	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.9369	0.88819	0.25300	0.49185	0.79300
172	10.265	1.0202	0.29061	0.56497	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.375	1.0311	0.29372	0.57101	0.79300
187	10.280	1.0217	0.29103	0.56579	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.066	0.76673	0.21706	0.42867	0.43400
37	13.020	0.90214	0.25539	0.50438	0.53300
47	13.040	0.90353	0.25578	0.50516	0.63100
52	14.319	0.99218	0.28088	0.55472	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6957	0.60252	0.17057	0.33687	0.42200
67	13.090	0.90699	0.25676	0.50709	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	39.714	2.7518	0.77901	1.5385	0.56400
82	23.918	1.6573	0.46916	0.92656	0.63500
92	14.394	0.99737	0.28235	0.55762	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.344	0.99391	0.28137	0.55569	-1.0000
-112	14.334	0.99322	0.28117	0.55530	-1.0000
-122	14.339	0.99356	0.28127	0.55549	-1.0000
-127	14.334	0.99322	0.28117	0.55530	-1.0000
-137	14.269	0.98872	0.27990	0.55278	-1.0000
-142	14.219	0.98525	0.27892	0.55085	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.344	0.99391	0.28137	0.55569	0.31900
112	14.334	0.99322	0.28117	0.55530	0.34000
122	14.339	0.99356	0.28127	0.55549	0.38600
127	14.334	0.99322	0.28117	0.55530	0.43200
137	14.269	0.98872	0.27990	0.55278	0.47800
142	14.219	0.98525	0.27892	0.55085	0.52200
152	14.349	0.99426	0.28147	0.55588	0.56300
157	14.149	0.98040	0.27755	0.54814	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.349	0.99426	0.28147	0.55588	-1.0000
-157	14.149	0.98040	0.27755	0.54814	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.354	0.99460	0.28157	0.55607	0.79300
172	13.730	0.95132	0.26931	0.53187	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.735	0.95166	0.26941	0.53207	0.79300
187	13.580	0.94093	0.26637	0.52607	0.84400

>SECTION C MEASURED TURBOFT PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.432	1.0009	0.22102	0.42794	0.43400
37	8.3237	0.57728	0.12748	0.24682	0.53300
47	12.240	0.84886	0.18745	0.36294	0.63100
52	14.317	0.99292	0.21926	0.42453	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.211	0.77751	0.17169	0.33243	0.42200
67	13.004	0.90184	0.19915	0.38559	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	0.43908	0.030452	0.0067245	0.013020	0.56400
82	31.218	2.1650	0.47809	0.92569	0.63500
92	14.377	0.99707	0.22018	0.42631	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.322	0.99326	0.21934	0.42468	-1.0000
-112	14.312	0.99257	0.21918	0.42438	-1.0000
-122	14.312	0.99257	0.21918	0.42438	-1.0000
-127	14.317	0.99292	0.21926	0.42453	-1.0000
-137	14.277	0.99015	0.21865	0.42335	-1.0000
-142	14.262	0.98911	0.21842	0.42290	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.322	0.99326	0.21934	0.42468	0.31900
112	14.312	0.99257	0.21918	0.42438	0.34000
122	14.312	0.99257	0.21918	0.42438	0.38600
127	14.317	0.99292	0.21926	0.42453	0.43200
137	14.277	0.99015	0.21865	0.42335	0.47800
142	14.262	0.98911	0.21842	0.42290	0.52200
152	14.322	0.99326	0.21934	0.42468	0.56300
157	14.247	0.98807	0.21819	0.42246	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.322	0.99326	0.21934	0.42468	-1.0000
-157	14.247	0.98807	0.21819	0.42246	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.332	0.99395	0.21949	0.42497	0.79300
172	14.077	0.97630	0.21559	0.41742	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.077	0.97630	0.21559	0.41742	0.79300
187	14.017	0.97214	0.21467	0.41565	0.84400

>SECTION C REDESIGNED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	16.826	1.1675	0.22082	0.42701	0.43400
37	9.9260	0.68874	0.13026	0.25190	0.53300
47	10.875	0.75459	0.14272	0.27598	0.63100
52	14.715	1.0210	0.19311	0.37342	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.012	0.90288	0.17076	0.33022	0.42200
67	12.997	0.90184	0.17057	0.32984	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	8.1028	0.56223	0.10634	0.20563	0.56400
82	36.612	2.5266	0.47786	0.92407	0.63500
92	14.355	0.99607	0.18839	0.36430	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.285	0.99122	0.18747	0.36253	-1.0000
-112	14.280	0.99087	0.18741	0.36240	-1.0000
-122	14.280	0.99087	0.18741	0.36240	-1.0000
-127	14.290	0.99156	0.18754	0.36265	-1.0000
-137	14.245	0.98845	0.18695	0.36151	-1.0000
-142	14.230	0.98741	0.18675	0.36113	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.285	0.99122	0.18747	0.36253	0.31900
112	14.280	0.99087	0.18741	0.36240	0.34000
122	14.280	0.99087	0.18741	0.36240	0.38600
127	14.290	0.99156	0.18754	0.36265	0.43200
137	14.245	0.98845	0.18695	0.36151	0.47800
142	14.230	0.98741	0.18675	0.36113	0.52200
152	14.290	0.99156	0.18754	0.36265	0.56300
157	14.220	0.98671	0.18662	0.36088	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.290	0.99156	0.18754	0.36265	-1.0000
-157	14.220	0.98671	0.18662	0.36088	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.300	0.99226	0.18767	0.36291	0.79300
172	14.036	0.97390	0.18420	0.35619	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.031	0.97355	0.18413	0.35607	0.79300
187	13.951	0.96801	0.18308	0.35404	0.84400

>SECTION 8 MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 02:52:39.608 FAC 8X6X1 PGM C034 RNG 2046

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	19.074	1.3245	0.21942	0.42784	0.43400
37	11.142	0.77370	0.12818	0.24993	0.53300
47	12.795	0.88846	0.14719	0.28700	0.63100
52	14.113	0.97997	0.16235	0.31656	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.042	1.0444	0.17303	0.33738	0.42200
67	13.005	0.90302	0.14960	0.29170	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	9.8541	0.68424	0.11335	0.22103	0.56400
82	41.461	2.8789	0.47694	0.92998	0.63500
92	14.348	0.99626	0.16505	0.32182	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.258	0.99002	0.16401	0.31981	-1.0000
-112	14.253	0.98968	0.16396	0.31969	-1.0000
-122	14.248	0.98933	0.16390	0.31958	-1.0000
-127	14.248	0.98933	0.16390	0.31958	-1.0000
-137	14.213	0.96691	0.16350	0.31880	-1.0000
-142	14.183	0.98483	0.16315	0.31813	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.258	0.99002	0.16401	0.31981	0.31900
112	14.253	0.98968	0.16396	0.31969	0.34000
122	14.248	0.98933	0.16390	0.31958	0.38600
127	14.248	0.98933	0.16390	0.31958	0.43200
137	14.213	0.98691	0.16350	0.31880	0.47800
142	14.183	0.98483	0.16315	0.31813	0.52200
152	14.258	0.99002	0.16401	0.31981	0.56300
157	14.188	0.98517	0.16321	0.31824	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.258	0.99002	0.16401	0.31981	-1.0000
-157	14.188	0.98517	0.16321	0.31824	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.278	0.99141	0.16424	0.32025	0.79300
172	13.928	0.96715	0.16022	0.31242	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.938	0.96784	0.16034	0.31264	0.79300
187	13.839	0.96091	0.15919	0.31040	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	19.115	1.3276	0.22040	0.42906	0.43400
37	11.163	0.77532	0.12872	0.25058	0.53300
47	12.731	0.88421	0.14679	0.28577	0.63100
52	14.149	0.98267	0.16314	0.31759	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.077	1.0472	0.17385	0.33843	0.42200
67	13.021	0.90432	0.15013	0.29226	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	9.9250	0.68931	0.11444	0.22278	0.56400
82	41.506	2.8827	0.47858	0.93166	0.63500
92	14.354	0.99689	0.16550	0.32218	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.264	0.99065	0.16446	0.32017	-1.0000
-112	14.254	0.98995	0.16435	0.31994	-1.0000
-122	14.259	0.99030	0.16441	0.32005	-1.0000
-127	14.259	0.99030	0.16441	0.32005	-1.0000
-137	14.209	0.98683	0.16383	0.31893	-1.0000
-142	14.189	0.98544	0.16360	0.31848	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.264	0.99065	0.16446	0.32017	0.31900
112	14.254	0.98995	0.16435	0.31994	0.34000
122	14.259	0.99030	0.16441	0.32005	0.38600
127	14.259	0.99030	0.16441	0.32005	0.43200
137	14.209	0.98683	0.16383	0.31893	0.47800
142	14.189	0.98544	0.16360	0.31848	0.52200
152	14.264	0.99065	0.16446	0.32017	0.56300
157	14.189	0.98544	0.16360	0.31848	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.264	0.99065	0.16446	0.32017	-1.0000
-157	14.189	0.98544	0.16360	0.31848	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.284	0.99203	0.16469	0.32061	0.79300
172	13.924	0.96707	0.16055	0.31255	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.929	0.96742	0.16061	0.31266	0.79300
187	13.844	0.96152	0.15963	0.31075	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.473	1.1436	0.21681	0.42867	0.43400
37	9.3567	0.64955	0.12315	0.24349	0.53300
47	11.134	0.77291	0.14654	0.28973	0.63100
52	14.462	1.0040	0.19035	0.37635	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	12.900	0.89556	0.16979	0.33571	0.42200
67	13.005	0.90283	0.17117	0.33843	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	3.6778	0.25532	0.048406	0.095707	0.56400
82	36.333	2.5223	0.47820	0.94549	0.63500
92	14.358	0.99671	0.18897	0.37362	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.293	0.99221	0.18811	0.37194	-1.0000
-112	14.283	0.99151	0.18798	0.37168	-1.0000
-122	14.283	0.99151	0.18798	0.37168	-1.0000
-127	14.293	0.99221	0.18811	0.37194	-1.0000
-137	14.243	0.98874	0.18746	0.37066	-1.0000
-142	14.228	0.98770	0.18726	0.37025	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.293	0.99221	0.18811	0.37194	0.31900
112	14.283	0.99151	0.18798	0.37168	0.34000
122	14.283	0.99151	0.18798	0.37168	0.38600
127	14.293	0.99221	0.18811	0.37194	0.43200
137	14.243	0.98874	0.18746	0.37066	0.47800
142	14.228	0.98770	0.18726	0.37025	0.52200
152	14.288	0.99186	0.18805	0.37181	0.56300
157	14.228	0.98770	0.18726	0.37025	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.288	0.99186	0.18805	0.37181	-1.0000
-157	14.228	0.98770	0.18726	0.37025	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.303	0.99290	0.18824	0.37219	0.79300
172	14.038	0.97454	0.18476	0.36531	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.038	0.97454	0.18476	0.36531	0.79300
187	13.963	0.96935	0.18378	0.36337	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.245	0.98854	0.21790	0.42873	0.43400
37	8.0199	0.55656	0.12268	0.24138	0.53300
47	12.732	0.88360	0.19477	0.38321	0.63100
52	14.339	0.99512	0.21935	0.43158	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.115	0.77137	0.17003	0.33454	0.42200
67	12.987	0.90126	0.19867	0.39087	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.650	3.3068	0.72892	1.4341	0.56400
82	31.187	2.1643	0.47707	0.93863	0.63500
92	14.374	0.99754	0.21989	0.43263	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.314	0.99338	0.21897	0.43083	-1.0000
-112	14.314	0.99338	0.21897	0.43083	-1.0000
-122	14.304	0.99269	0.21882	0.43053	-1.0000
-127	14.314	0.99338	0.21897	0.43083	-1.0000
-137	14.265	0.98992	0.21821	0.42933	-1.0000
-142	14.255	0.98923	0.21806	0.42903	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.314	0.99338	0.21897	0.43083	0.31900
112	14.314	0.99338	0.21897	0.43083	0.34000
122	14.304	0.99269	0.21882	0.43053	0.38600
127	14.314	0.99338	0.21897	0.43083	0.43200
137	14.265	0.98992	0.21821	0.42933	0.47800
142	14.255	0.98923	0.21806	0.42903	0.52200
152	14.324	0.99408	0.21913	0.43113	0.56300
157	14.250	0.98888	0.21798	0.42888	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.324	0.99408	0.21913	0.43113	-1.0000
-157	14.250	0.98888	0.21798	0.42888	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.329	0.99442	0.21920	0.43128	0.79300
172	14.070	0.97642	0.21523	0.42347	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.080	0.97711	0.21539	0.42377	0.79300
187	14.015	0.97261	0.21439	0.42182	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 02:56:52.394 FAC 8X6X1 PGM C034 RDG 2050

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.036	0.76494	0.21710	0.42950	0.43400
37	13.063	0.90541	0.25697	0.50837	0.53300
47	13.108	0.90853	0.25786	0.51012	0.63100
52	14.341	0.99397	0.28211	0.55809	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6797	0.60160	0.17074	0.33778	0.42200
67	12.953	0.89780	0.25481	0.50409	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	37.696	2.6127	0.74154	1.4670	0.56400
82	24.261	1.6829	0.47765	0.94493	0.63500
92	14.391	0.99743	0.28309	0.56003	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.326	0.99293	0.28181	0.55751	-1.0000
-112	14.331	0.99328	0.28191	0.55770	-1.0000
-122	14.316	0.99224	0.28162	0.55712	-1.0000
-127	14.311	0.99190	0.28152	0.55693	-1.0000
-137	14.241	0.98705	0.28014	0.55421	-1.0000
-142	14.206	0.98463	0.27946	0.55285	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.326	0.99293	0.28181	0.55751	0.31900
112	14.331	0.99328	0.28191	0.55770	0.34000
122	14.316	0.99224	0.28162	0.55712	0.38600
127	14.311	0.99190	0.28152	0.55693	0.43200
137	14.241	0.98705	0.28014	0.55421	0.47800
142	14.206	0.98463	0.27946	0.55285	0.52200
152	14.341	0.99397	0.28211	0.55809	0.56300
157	14.121	0.97875	0.27779	0.54954	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.341	0.99397	0.28211	0.55809	-1.0000
-157	14.121	0.97875	0.27779	0.54954	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.351	0.99466	0.28230	0.55848	0.79300
172	13.627	0.94450	0.26807	0.53032	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.687	0.94866	0.26925	0.53265	0.79300
187	13.497	0.93551	0.26551	0.52527	0.84400

ORIGINAL PAGE IS
OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDE.I REC 11/03/79 02:59:05.633 FAC 8X6X1 PGM C034 RDG 2051

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.029	0.76480	0.21696	0.42812	0.43400
37	12.986	0.90051	0.25546	0.50409	0.53300
47	12.996	0.90121	0.25566	0.50448	0.63100
52	14.299	0.99156	0.28129	0.55505	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6468	0.59961	0.17010	0.33565	0.42200
67	12.926	0.89636	0.25428	0.50176	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	37.944	2.6312	0.74643	1.4729	0.56400
82	24.336	1.6876	0.47873	0.94466	0.63500
92	14.384	0.99744	0.28296	0.55835	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.329	0.99363	0.28188	0.55622	-1.0000
-112	14.324	0.99329	0.28178	0.55602	-1.0000
-122	14.309	0.99225	0.28149	0.55544	-1.0000
-127	14.304	0.99190	0.28139	0.55525	-1.0000
-137	14.229	0.98671	0.27991	0.55234	-1.0000
-142	14.194	0.98429	0.27923	0.55098	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.329	0.99363	0.28188	0.55622	0.31900
112	14.324	0.99329	0.28178	0.55602	0.34000
122	14.309	0.99225	0.28149	0.55544	0.38600
127	14.304	0.99190	0.28139	0.55525	0.43200
137	14.229	0.98671	0.27991	0.55234	0.47800
142	14.194	0.98429	0.27923	0.55098	0.52200
152	14.329	0.99363	0.28188	0.55622	0.56300
157	14.129	0.97979	0.27795	0.54847	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.329	0.99363	0.28188	0.55622	-1.0000
-157	14.129	0.97979	0.27795	0.54847	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.349	0.99502	0.28227	0.55699	0.79300
172	13.635	0.94552	0.26823	0.52928	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.650	0.94654	0.26852	0.52986	0.79300
187	13.490	0.93548	0.26538	0.52366	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.230	0.98688	0.21767	0.42866	0.43400
37	7.8957	0.54758	0.12078	0.23784	0.53300
47	12.988	0.90076	0.19866	0.39123	0.63100
52	14.330	0.99380	0.21920	0.43166	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.101	0.76986	0.16980	0.33440	0.42200
67	12.913	0.89551	0.19752	0.38897	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	48.563	3.3679	0.74284	1.4629	0.56400
82	31.237	2.1663	0.47781	0.94095	0.63500
92	14.375	0.99691	0.21988	0.43302	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.320	0.99311	0.21904	0.43136	-1.0000
-112	14.305	0.99207	0.21881	0.43091	-1.0000
-122	14.310	0.99242	0.21889	0.43106	-1.0000
-127	14.315	0.99276	0.21897	0.43121	-1.0000
-137	14.270	0.98965	0.21828	0.42986	-1.0000
-142	14.255	0.98861	0.21805	0.42941	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.320	0.99311	0.21904	0.43136	0.31900
112	14.305	0.99207	0.21881	0.43091	0.34000
122	14.310	0.99242	0.21889	0.43106	0.38600
127	14.315	0.99276	0.21897	0.43121	0.43200
137	14.270	0.98965	0.21828	0.42986	0.47800
142	14.255	0.98861	0.21805	0.42941	0.52200
152	14.325	0.99345	0.21912	0.43151	0.56300
157	14.245	0.98792	0.21790	0.42911	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.325	0.99345	0.21912	0.43151	-1.0000
-157	14.245	0.98792	0.21790	0.42911	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.320	0.99311	0.21904	0.43136	0.79300
172	14.061	0.97511	0.21507	0.42355	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.066	0.97546	0.21515	0.42370	0.79300
187	14.011	0.97165	0.21431	0.42204	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.487	1.1451	0.21641	0.43102	0.43400
37	9.5444	0.66293	0.12528	0.24952	0.53300
47	11.132	0.77320	0.14612	0.29102	0.63100
52	14.686	1.0200	0.19276	0.38392	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.934	0.89835	0.16977	0.33813	0.42200
67	12.919	0.89731	0.16957	0.33774	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	5.2390	0.36389	0.068766	0.13696	0.56400
82	36.331	2.5234	0.47687	0.94978	0.63500
92	14.356	0.99715	0.18844	0.37531	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.292	0.99264	0.18759	0.37362	-1.0000
-112	14.282	0.99195	0.18746	0.37335	-1.0000
-122	14.277	0.99160	0.18739	0.37322	-1.0000
-127	14.292	0.99264	0.18759	0.37362	-1.0000
-137	14.242	0.98917	0.18693	0.37231	-1.0000
-142	14.227	0.98814	0.18674	0.37192	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.292	0.99264	0.18759	0.37362	0.31900
112	14.282	0.99195	0.18746	0.37335	0.34000
122	14.277	0.99160	0.18739	0.37322	0.38600
127	14.292	0.99264	0.18759	0.37362	0.43200
137	14.242	0.98917	0.18693	0.37231	0.47800
142	14.227	0.98814	0.18674	0.37192	0.52200
152	14.287	0.99229	0.18752	0.37349	0.56300
157	14.222	0.98779	0.18667	0.37179	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE SLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.287	0.99229	0.18752	0.37349	-1.0000
-157	14.222	0.98779	0.18667	0.37179	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.302	0.99333	0.18772	0.37388	0.79300
172	14.022	0.97392	0.18405	0.36657	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.032	0.97462	0.18418	0.36683	0.79300
187	13.957	0.96942	0.18320	0.36487	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	18.934	1.3150	0.21748	0.42950	0.43400
37	11.045	0.76712	0.12687	0.25056	0.53300
47	12.762	0.88635	0.14659	0.28950	0.63100
52	14.074	0.97749	0.16166	0.31927	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.908	1.0354	0.17123	0.33817	0.42200
67	12.937	0.89848	0.14859	0.29346	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.926	0.75880	0.12549	0.24784	0.56400
82	41.484	2.8812	0.47650	0.94105	0.63500
92	14.344	0.99621	0.16476	0.32538	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.244	0.98927	0.16361	0.32312	-1.0000
-112	14.239	0.98893	0.16355	0.32300	-1.0000
-122	14.244	0.98927	0.16361	0.32312	-1.0000
-127	14.259	0.99031	0.16378	0.32346	-1.0000
-137	14.204	0.98650	0.16315	0.32221	-1.0000
-142	14.189	0.98546	0.16298	0.32187	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.244	0.98927	0.16361	0.32312	0.31900
112	14.239	0.98893	0.16355	0.32300	0.34000
122	14.244	0.98927	0.16361	0.32312	0.38600
127	14.259	0.99031	0.16378	0.32346	0.43200
137	14.204	0.98650	0.16315	0.32221	0.47800
142	14.189	0.98546	0.16298	0.32187	0.52200
152	14.259	0.99031	0.16378	0.32346	0.56300
157	14.179	0.98477	0.16287	0.32165	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.259	0.99031	0.16378	0.32346	-1.0000
-157	14.179	0.98477	0.16287	0.32165	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.274	0.99135	0.16395	0.32380	0.79300
172	13.935	0.96779	0.16006	0.31610	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.930	0.96744	0.16000	0.31599	0.79300
187	13.835	0.96086	0.15891	0.31384	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	18.933	1.3150	0.21735	0.42865	0.43400
37	11.088	0.77014	0.12729	0.25103	0.53300
47	12.730	0.88420	0.14614	0.28821	0.63100
52	14.077	0.97780	0.16161	0.31872	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.896	1.0347	0.17101	0.33725	0.42200
67	12.954	0.89981	0.14872	0.29330	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.933	0.75939	0.12551	0.24753	0.56400
82	41.518	2.8838	0.47663	0.94000	0.63500
92	14.342	0.99618	0.16465	0.32471	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.257	0.99028	0.16367	0.32279	-1.0000
-112	14.247	0.98959	0.16356	0.32257	-1.0000
-122	14.252	0.98994	0.16362	0.32268	-1.0000
-127	14.262	0.99063	0.16373	0.32290	-1.0000
-137	14.207	0.98682	0.16310	0.32166	-1.0000
-142	14.192	0.98578	0.16293	0.32132	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.257	0.99028	0.16367	0.32279	0.31900
112	14.247	0.98959	0.16356	0.32257	0.34000
122	14.252	0.98994	0.16362	0.32268	0.38600
127	14.262	0.99063	0.16373	0.32290	0.43200
137	14.207	0.98682	0.16310	0.32166	0.47800
142	14.192	0.98578	0.16293	0.32132	0.52200
152	14.257	0.99028	0.16367	0.32279	0.56300
157	14.187	0.98543	0.16287	0.32121	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.257	0.99028	0.16367	0.32279	-1.0000
-157	14.187	0.98543	0.16287	0.32121	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.277	0.99167	0.16390	0.32324	0.79300
172	13.933	0.96775	0.15995	0.31545	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
192	13.933	0.96775	0.15995	0.31545	0.79300
187	13.838	0.96116	0.15886	0.31330	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.488	1.1449	0.21678	0.42989	0.43400
37	9.3907	0.65235	0.12347	0.24484	0.53300
47	11.168	0.77546	0.14684	0.29118	0.63100
52	14.702	1.0208	0.19330	0.38331	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	12.875	0.89399	0.16928	0.33569	0.42200
67	12.940	0.89850	0.17013	0.33738	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	4.3257	0.30036	0.056874	0.11278	0.56400
82	36.361	2.5248	0.47808	0.94805	0.63500
92	14.3[illegible]	0.99726	0.18884	0.37447	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.292	0.99241	0.18792	0.37265	-1.0000
-112	14.282	0.99172	0.18779	0.37239	-1.0000
-122	14.282	0.99172	0.18779	0.37239	-1.0000
-127	14.292	0.99241	0.18792	0.37265	-1.0000
-137	14.247	0.98929	0.18733	0.37147	-1.0000
-142	14.228	0.98791	0.18706	0.37095	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.292	0.99241	0.18792	0.37265	0.31900
112	14.282	0.99172	0.18779	0.37239	0.34000
122	14.282	0.99172	0.18779	0.37239	0.38600
127	14.292	0.99241	0.18792	0.37265	0.43200
137	14.247	0.98929	0.18733	0.37147	0.47800
142	14.228	0.98791	0.18706	0.37095	0.52200
152	14.292	0.99241	0.18792	0.37265	0.56300
157	14.228	0.98791	0.18706	0.37095	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.292	0.99241	0.18792	0.37265	-1.0000
-157	14.228	0.98791	0.18706	0.37095	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.302	0.99310	0.18805	0.37291	0.79300
172	14.028	0.97404	0.18444	0.36575	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.038	0.97474	0.18457	0.36601	0.79300
187	13.963	0.96954	0.18359	0.36406	0.84400

>OPTION 5 MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.203	0.98564	0.21817	0.42952	0.43400
37	8.0275	0.55710	0.12331	0.24277	0.53300
47	12.815	0.88935	0.19685	0.38756	0.63100
52	14.337	0.99499	0.22024	0.43360	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.073	0.76846	0.17010	0.33488	0.42200
67	12.930	0.89732	0.19862	0.39104	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.725	3.3120	0.73310	1.4433	0.56400
82	31.065	2.1559	0.47719	0.93949	0.63500
92	14.377	0.99776	0.22085	0.43480	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.317	0.99360	0.21993	0.43299	-1.0000
-112	14.307	0.99291	0.21978	0.43269	-1.0000
-122	14.312	0.99326	0.21985	0.43284	-1.0000
-127	14.322	0.99395	0.22001	0.43314	-1.0000
-137	14.267	0.99014	0.21916	0.43148	-1.0000
-142	14.257	0.98945	0.21901	0.43118	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.317	0.99360	0.21993	0.43299	0.31900
112	14.307	0.99291	0.21978	0.43269	0.34000
122	14.312	0.99326	0.21985	0.43284	0.38600
127	14.322	0.99395	0.22001	0.43314	0.43200
137	14.267	0.99014	0.21916	0.43148	0.47800
142	14.257	0.98945	0.21901	0.43118	0.52200
152	14.322	0.99395	0.22001	0.43314	0.56300
157	14.247	0.98875	0.21886	0.43088	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.322	0.99395	0.22001	0.43314	-1.0000
-157	14.247	0.98875	0.21886	0.43088	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.332	0.99464	0.22016	0.43345	0.79300
172	14.078	0.97698	0.21625	0.42575	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.078	0.97698	0.21625	0.42575	0.79300
187	14.013	0.97248	0.21525	0.42379	0.84400

>MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 03:07:54.143 FAC 8X6X1 PGM C034 RDG 2058

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.081	0.76850	0.21828	0.43027	0.43400
37	12.944	0.89765	0.25496	0.50258	0.53300
47	12.979	0.90008	0.25565	0.50394	0.63100
52	14.302	0.99182	0.28171	0.55530	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6892	0.60260	0.17116	0.33739	0.42200
67	12.904	0.89488	0.25418	0.50103	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	37.837	2.6240	0.74531	1.4691	0.56400
82	24.334	1.6876	0.47932	0.94484	0.63500
92	14.396	0.99840	0.28358	0.55899	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.352	0.99528	0.28269	0.55724	-1.0000
-112	14.337	0.99424	0.28240	0.55666	-1.0000
-122	14.327	0.99355	0.28220	0.55627	-1.0000
-127	14.322	0.99321	0.28210	0.55608	-1.0000
-137	14.257	0.98870	0.28083	0.55356	-1.0000
-142	14.212	0.98559	0.27994	0.55182	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.352	0.99528	0.28269	0.55724	0.31900
112	14.337	0.99424	0.28240	0.55666	0.34000
122	14.327	0.99355	0.28220	0.55627	0.38600
127	14.322	0.99321	0.28210	0.55608	0.43200
137	14.257	0.98870	0.28083	0.55356	0.47800
142	14.212	0.98559	0.27994	0.55182	0.52200
152	14.347	0.99494	0.28260	0.55705	0.56300
157	14.137	0.98040	0.27847	0.54891	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.347	0.99494	0.28260	0.55705	-1.0000
-157	14.137	0.98040	0.27847	0.54891	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.357	0.99563	0.28279	0.55744	0.79300
172	13.663	0.94751	0.26912	0.53049	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.673	0.94820	0.26932	0.53088	0.79300
187	13.503	0.93643	0.26598	0.52429	0.84400

Run 39

NASA-LEWIS PRELIMINARY DATA CADDF-II FACILITY 8X6X1 PROGRAM C034 RDGS 2059 TO 2090
TIME AND DATE PROCESSED 06:52:53 JUN 20 1979

NOZZLE TYPE	P+W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	A2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	CONICAL SPLITTER
FAN NOZZLE	IRIS
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MODIFIED MINIMUM

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2059	0.897	1.77	5.30	2.99	0.000	0.193	0.955	0.879	0.8706	0.8706	0.8753	0.8753	0.8768	******
2060	0.896	1.78	5.30	2.98	0.000	0.192	0.956	0.884	0.8726	0.8726	0.8772	0.8772	0.8787	******
2061	0.897	1.74	3.59	2.07	0.000	0.285	0.953	0.868	0.7828	0.7828	0.7906	0.7906	0.7930	******
2062	0.894	1.88	4.59	2.44	0.000	0.221	0.955	0.934	0.8468	0.8468	0.8524	0.8524	0.8543	******
2063	0.897	1.94	5.35	2.76	0.000	0.190	0.955	0.967	0.8839	0.8839	0.8886	0.8886	0.8902	******
2064	0.897	1.97	6.13	3.12	0.000	0.167	0.959	0.989	0.9066	0.9066	0.9105	0.9105	0.9120	******
2065	0.896	2.00	7.13	3.56	0.000	0.143	0.957	1.000	0.9293	0.9293	0.9326	0.9326	0.9338	******
2066	0.893	2.02	7.10	3.51	0.000	0.143	0.958	1.010	0.9307	0.9307	0.9339	0.9339	0.9352	******
2067	0.896	1.99	6.13	3.08	0.000	0.167	0.956	0.991	0.9110	0.9110	0.9149	0.9149	0.9164	******
2068	0.896	1.97	5.36	2.71	0.000	0.189	0.954	0.988	0.8901	0.8901	0.8948	0.8948	0.8964	******
2069	0.896	1.98	4.61	2.33	0.000	0.222	0.954	0.983	0.8582	0.8582	0.8639	0.8639	0.8659	******
2070	0.895	1.94	3.57	1.84	0.000	0.285	0.959	0.983	0.8172	0.8172	0.8253	0.8253	0.8281	******
2071	0.899	2.17	3.60	1.65	0.000	0.283	0.953	0.994	0.8023	0.8023	0.8112	0.8112	0.8142	******
2072	0.895	2.21	4.60	2.09	0.000	0.222	0.956	0.984	0.8457	0.8457	0.8518	0.8518	0.8539	******
2073	0.895	2.21	5.45	2.47	0.000	0.188	0.941	0.971	0.8725	0.8725	0.8775	0.8775	0.8792	******
2074	0.896	2.18	6.12	2.81	0.000	0.167	0.964	0.992	0.9016	0.9016	0.9058	0.9058	0.9073	******
2075	0.895	2.20	7.17	3.27	0.000	0.142	0.957	0.987	0.9201	0.9201	0.9235	0.9235	0.9248	******
2076	0.895	2.20	7.13	3.25	0.000	0.143	0.956	0.990	0.9215	0.9215	0.9249	0.9249	0.9262	******
2077	0.895	2.18	6.09	2.80	0.000	0.167	0.959	0.986	0.9034	0.9034	0.9076	0.9076	0.9091	******
2078	0.897	2.20	5.38	2.44	0.000	0.190	0.956	0.985	0.8779	0.8779	0.8829	0.8829	0.8847	******
2079	0.896	2.21	4.61	2.08	0.000	0.221	0.954	0.988	0.8507	0.8507	0.8568	0.8568	0.8590	******
2080	0.898	2.16	3.56	1.65	0.000	0.287	0.956	0.994	0.8051	0.8051	0.8140	0.8140	0.8170	******
2081	0.896	1.79	3.57	1.99	0.000	0.286	0.957	0.983	0.8277	0.8277	0.8353	0.8353	0.8380	******
2082	0.897	1.79	4.60	2.57	0.000	0.220	0.962	0.986	0.8743	0.8743	0.8796	0.8796	0.8815	******
2083	0.897	1.80	5.37	2.98	0.000	0.190	0.956	0.990	0.8998	0.8998	0.9042	0.9042	0.9058	******
2084	0.895	1.81	6.17	3.40	0.000	0.165	0.956	0.992	0.9213	0.9213	0.9249	0.9249	0.9264	******
2085	0.893	1.81	7.14	3.95	0.000	0.142	0.956	0.985	0.9389	0.9389	0.9419	0.9419	0.9432	******
2086	0.897	1.82	7.17	3.94	0.000	0.142	0.956	0.991	0.9361	0.9361	0.9391	0.9391	0.9404	******
2087	0.897	1.81	6.15	3.40	0.000	0.166	0.955	0.990	0.9189	0.9189	0.9225	0.9225	0.9240	******
2088	0.895	1.81	5.38	2.98	0.000	0.189	0.955	0.989	0.9015	0.9015	0.9058	0.9058	0.9074	******
2089	0.894	1.80	4.61	2.55	0.000	0.221	0.954	0.987	0.8739	0.8739	0.8792	0.8792	0.8811	******
2090	0.895	1.80	3.58	1.99	0.000	0.285	0.954	0.983	0.8282	0.8282	0.8358	0.8358	0.8384	******

☆ U.S. GOVERNMENT PRINTING OFFICE

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.528	1.1468	0.21652	0.38372	0.43400
37	6.4981	0.64641	0.12204	0.21629	0.53300
47	7.7935	0.77527	0.14637	0.25941	0.63100
52	10.404	1.0349	0.19540	0.34628	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.9836	0.89366	0.16873	0.29902	0.42200
67	12.878	1.2810	0.24187	0.42864	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	40.849	4.0635	0.76721	1.3597	0.56400
82	25.850	2.5714	0.48550	0.86040	0.63500
92	10.219	1.0165	0.19192	0.34012	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0085	0.79666	0.15041	0.26656	-1.0000
-112	8.3036	0.82601	0.15595	0.27638	-1.0000
-122	8.8236	0.87775	0.16572	0.29369	-1.0000
-127	9.2786	0.92301	0.17427	0.30884	-1.0000
-137	9.3886	0.93395	0.17633	0.31250	-1.0000
-142	9.5236	0.94738	0.17887	0.31699	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0085	0.79666	0.15041	0.26656	0.31900
112	8.3036	0.82601	0.15595	0.27638	0.34000
122	8.8236	0.87775	0.16572	0.29369	0.38600
127	9.2786	0.92301	0.17427	0.30884	0.43200
137	9.3886	0.93395	0.17633	0.31250	0.47800
142	9.5236	0.94738	0.17887	0.31699	0.52200
152	8.2286	0.81855	0.15465	0.27389	0.56300
157	9.6886	0.96379	0.18197	0.32249	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2286	0.81855	0.15465	0.27389	-1.0000
-157	9.6886	0.96379	0.18197	0.32249	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.464	1.0409	0.19652	0.34828	0.79300
172	10.209	1.0155	0.19173	0.33979	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.119	1.0066	0.19004	0.33680	0.79300
187	9.9236	0.98717	0.18638	0.33031	0.84400

>SECTION C MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.540	1.1473	0.21627	0.38449	0.43400
37	6.4593	0.64210	0.12104	0.21519	0.53300
47	7.7977	0.77527	0.14614	0.25981	0.63100
52	10.421	1.0360	0.19530	0.34721	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.9569	0.89052	0.16787	0.29844	0.42200
67	12.813	1.2739	0.24014	0.42692	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	42.049	4.1806	0.78805	1.4010	0.56400
82	25.884	2.5735	0.48511	0.86245	0.63500
92	10.221	1.0162	0.19155	0.34055	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.9976	0.79514	0.14989	0.26647	-1.0000
-112	8.3024	0.82544	0.15560	0.27663	-1.0000
-122	8.8470	0.87959	0.16581	0.29478	-1.0000
-127	9.2967	0.92430	0.17423	0.30976	-1.0000
-137	9.4116	0.93572	0.17639	0.31359	-1.0000
-142	9.5465	0.94913	0.17891	0.31808	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.9976	0.79514	0.14989	0.26647	0.31900
112	8.3024	0.82544	0.15560	0.27663	0.34000
122	8.8470	0.87959	0.16581	0.29478	0.38600
127	9.2967	0.92430	0.17423	0.30976	0.43200
137	9.4116	0.93572	0.17639	0.31359	0.47800
142	9.5465	0.94913	0.17891	0.31808	0.52200
152	8.2274	0.81799	0.15419	0.27413	0.56300
157	9.6913	0.96354	0.18163	0.32291	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2274	0.81799	0.15419	0.27413	-1.0000
-157	9.6913	0.96354	0.18163	0.32291	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.376	1.0316	0.19446	0.34571	0.79300
172	10.186	1.0127	0.19090	0.33939	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.106	1.0048	0.18940	0.33672	0.79300
187	9.9311	0.98739	0.18612	0.33090	0.84400

>ADDITIONAL MEASURED EXHAUST NOZZLE PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.8830	0.78415	0.21833	0.37931	0.43400
37	9.8422	0.97904	0.27259	0.47359	0.53300
47	10.132	1.0079	0.28062	0.48754	0.63100
52	10.377	1.0322	0.28740	0.49932	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER T.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.1232	0.60909	0.16959	0.29464	0.42200
67	12.710	1.2643	0.35202	0.61159	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER U.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	29.528	2.9373	0.81781	1.4208	0.56400
82	17.455	1.7363	0.48344	0.83992	0.63500
92	10.217	1.0163	0.28297	0.49162	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.2179	0.81746	0.22760	0.39543	-1.0000
-112	8.4828	0.84381	0.23494	0.40818	-1.0000
-122	8.8577	0.88110	0.24532	0.42621	-1.0000
-127	9.3225	0.92734	0.25820	0.44858	-1.0000
-137	9.4324	0.93827	0.26124	0.45387	-1.0000
-142	9.5574	0.95070	0.26470	0.45988	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.2179	0.81746	0.22760	0.39543	0.31900
112	8.4828	0.84381	0.23494	0.40818	0.34000
122	8.8577	0.88110	0.24532	0.42621	0.38600
127	9.3225	0.92734	0.25820	0.44858	0.43200
137	9.4324	0.93827	0.26124	0.45387	0.47800
142	9.5574	0.95070	0.26470	0.45988	0.52200
152	8.3229	0.82790	0.23051	0.40048	0.56300
157	9.7123	0.96611	0.26899	0.46734	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3229	0.82790	0.23051	0.40048	-1.0000
-157	9.7123	0.96611	0.26899	0.46734	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.132	1.0079	0.28062	0.48754	0.79300
172	10.122	1.0069	0.28034	0.48705	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.147	1.0094	0.28103	0.48826	0.79300
187	9.9822	0.99296	0.27647	0.48032	0.84400

>SECTION 5 MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 05:08:17.941 FAC AX6X1 PGM C034 RDG 2062 RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.9609	0.98744	0.21510	0.40448	0.43400
37	5.4867	0.54391	0.11848	0.22279	0.53300
47	9.5261	0.94434	0.20572	0.38682	0.63100
52	10.166	1.0078	0.21953	0.41280	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.7867	0.77191	0.16815	0.31619	0.42200
67	12.614	1.2505	0.27240	0.51221	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	38.345	3.8012	0.82805	1.5570	0.56400
82	22.464	2.2269	0.48510	0.91217	0.63500
92	10.226	1.0137	0.22082	0.41523	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.1316	0.80610	0.17560	0.33019	-1.0000
-112	8.4865	0.84128	0.18326	0.34461	-1.0000
-122	8.9363	0.88588	0.19298	0.36287	-1.0000
-127	9.3112	0.92304	0.20107	0.37809	-1.0000
-137	9.3811	0.92997	0.20259	0.38094	-1.0000
-142	9.4911	0.94087	0.20496	0.38540	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.1316	0.80610	0.17560	0.33019	0.31900
112	8.4865	0.84128	0.18326	0.34461	0.34000
122	8.9363	0.88588	0.19298	0.36287	0.38600
127	9.3112	0.92304	0.20107	0.37809	0.43200
137	9.3811	0.92997	0.20259	0.38094	0.47800
142	9.4911	0.94087	0.20496	0.38540	0.52200
152	8.2068	0.81353	0.17722	0.33324	0.56300
157	9.6860	0.96020	0.20917	0.39331	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2068	0.81353	0.17722	0.33324	-1.0000
-157	9.6860	0.96020	0.20917	0.39331	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.9939	0.99042	0.21575	0.40569	0.79300
172	10.121	1.0033	0.21856	0.41097	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.086	0.99983	0.21780	0.40955	0.79300
187	9.9359	0.98497	0.21456	0.40346	0.84400

PRIMARY THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDFII REC 11/03/79 05:09:08.879 FAC 8X6X1 PGM C034 RDG 2063 RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.661	1.1591	0.21664	0.41952	0.43400
37	6.3704	0.63322	0.11835	0.22918	0.53300
47	7.8409	0.77940	0.14567	0.28209	0.63100
52	10.431	1.0369	0.19379	0.37528	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.0612	0.90069	0.16834	0.32599	0.42200
67	12.571	1.2495	0.23354	0.45225	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	44.629	4.4362	0.82913	1.6056	0.56400
82	26.098	2.5942	0.48486	0.93892	0.63500
92	10.216	1.0155	0.18980	0.36754	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0360	0.79879	0.14929	0.28911	-1.0000
-112	8.3511	0.83011	0.15515	0.30044	-1.0000
-122	8.8211	0.87684	0.16388	0.31735	-1.0000
-127	9.2862	0.92306	0.17252	0.33408	-1.0000
-137	9.4012	0.93449	0.17466	0.33822	-1.0000
-142	9.5562	0.94990	0.17754	0.34380	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0360	0.79879	0.14929	0.28911	0.31900
112	8.3511	0.83011	0.15515	0.30044	0.34000
122	8.8211	0.87684	0.16388	0.31735	0.38600
127	9.2862	0.92306	0.17252	0.33408	0.43200
137	9.4012	0.93449	0.17466	0.33822	0.47800
142	9.5562	0.94990	0.17754	0.34380	0.52200
152	8.2360	0.81868	0.15301	0.29630	0.56300
157	9.7312	0.96730	0.18079	0.35009	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2360	0.81868	0.15301	0.29630	-1.0000
-157	9.7312	0.96730	0.18079	0.35009	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.9342	0.98767	0.18460	0.35747	0.79300
172	10.1.3	1.0110	0.18896	0.36592	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.076	1.0016	0.18720	0.36250	0.79300
187	9.8862	0.98270	0.18367	0.35567	0.84400

>MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.403	1.3328	0.21737	0.42774	0.43400
37	7.4007	0.73589	0.12002	0.23618	0.53300
47	8.9580	0.89073	0.14528	0.28587	0.63100
52	10.096	1.0039	0.16373	0.32218	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.430	1.0371	0.16915	0.33285	0.42200
67	12.496	1.2425	0.20265	0.39877	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	0.65740	0.065369	0.010661	0.020980	0.56400
82	29.982	2.9813	0.48624	0.95682	0.63500
92	10.206	1.0148.	0.16651	0.32569	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.9897	0.79446	0.12957	0.25498	-1.0000
-112	8.3042	0.82572	0.13467	0.26501	-1.0000
-122	8.7983	0.87485	0.14269	0.28078	-1.0000
-127	9.2874	0.92349	0.15062	0.29639	-1.0000
-137	9.4221	0.93688	0.15280	0.30069	-1.0000
-142	9.5568	0.95028	0.15499	0.30499	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.9897	0.79446	0.12957	0.25498	0.31900
112	8.3042	0.82572	0.13467	0.26501	0.34000
122	8.7983	0.87485	0.14269	0.28078	0.38600
127	9.2874	0.92349	0.15062	0.29639	0.43200
137	9.4221	0.93688	0.15280	0.30069	0.47800
142	9.5568	0.95028	0.15499	0.30499	0.52200
152	8.2094	0.81629	0.13313	0.26198	0.56300
157	9.7415	0.96864	0.15798	0.31088	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2094	0.81629	0.13313	0.26198	-1.0000
-157	9.7415	0.96864	0.15798	0.31088	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.8363	0.97807	0.15952	0.31390	0.79300
172	10.126	1.0068	0.16421	0.32314	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.046	0.99891	0.16292	0.32059	0.79300
187	9.8712	0.98154	0.16009	0.31502	0.84400

>SECTION 6 MEASURED THRUST PARAMETERS

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.580	1.5483	0.21701	0.43509	0.43400
37	8.8794	0.88243	0.12368	0.24797	0.53300
47	10.542	1.0477	0.[illegible]	0.29442	0.63100
52	10.223	1.0159	0.14240	0.28549	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.091	1.4997	0.21020	0.42143	0.42200
67	12.410	1.2333	0.17286	0.34657	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	3.6526	0.36299	0.050877	0.10200	0.56400
82	33.933	3.3722	0.47265	0.94763	0.63500
92	10.223	1.0159	0.14240	0.28549	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0952	0.80450	0.11276	0.22607	-1.0000
-112	8.3899	0.83379	0.11686	0.23430	-1.0000
-122	8.8944	0.88392	0.12389	0.24839	-1.0000
-127	9.3489	0.92909	0.13022	0.26108	-1.0000
-137	9.4588	0.94001	0.13175	0.26415	-1.0000
-142	9.6036	0.95441	0.13377	0.26820	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0952	0.80450	0.11276	0.22607	0.31900
112	8.3899	0.83379	0.11686	0.23430	0.34000
122	8.8944	0.88392	0.12389	0.24839	0.38600
127	9.3489	0.92909	0.13022	0.26108	0.43200
137	9.4588	0.94001	0.13175	0.26415	0.47800
142	9.6036	0.95441	0.13377	0.26820	0.52200
152	8.2150	0.81641	0.11443	0.22942	0.56300
157	9.7035	0.96433	0.13516	0.27099	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2150	0.81641	0.11443	0.22942	-1.0000
-157	9.7035	0.96433	0.13516	0.27099	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.7734	0.97128	0.13613	0.27294	0.79300
172	10.318	1.0254	0.14372	0.28814	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.158	1.0095	0.14149	0.28368	0.79300
187	9.9382	0.98766	0.13843	0.27754	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	15.525	1.5354	0.21627	0.43755	0.43400
37	9.0488	0.89474	0.12603	0.25497	0.53300
47	10.589	1.0473	0.14751	0.29845	0.63100
52	10.270	1.0157	0.14306	0.28945	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	12.176	1.2043	0.16962	0.34318	0.42200
67	12.386	1.2250	0.17254	0.34909	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	3.6824	0.36420	0.051298	0.10379	0.56400
82	35.204	3.4817	0.49040	0.99218	0.63500
92	10.270	1.0157	0.14306	0.28945	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.1530	0.80635	0.11358	0.22979	-1.0000
-112	8.4327	0.83400	0.11747	0.23767	-1.0000
-122	8.9319	0.88338	0.12443	0.25174	-1.0000
-127	9.4112	0.93078	0.13110	0.26525	-1.0000
-137	9.5210	0.94165	0.13263	0.26834	-1.0000
-142	9.6608	0.95547	0.13458	0.27228	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.1530	0.80635	0.11358	0.22979	0.31900
112	8.4327	0.83400	0.11747	0.23767	0.34000
122	8.9319	0.88338	0.12443	0.25174	0.38600
127	9.4112	0.93078	0.13110	0.26525	0.43200
137	9.5210	0.94165	0.13263	0.26834	0.47800
142	9.6608	0.95547	0.13458	0.27228	0.52200
152	8.2579	0.81672	0.11504	0.23274	0.56300
157	9.7557	0.96485	0.13590	0.27495	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	8.2579	0.81672	0.11504	0.23274	-1.0000
-157	9.7557	0.96485	0.13590	0.27495	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	9.7457	0.96386	0.13576	0.27467	0.79300
172	10.310	1.0197	0.14362	0.29057	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.155	1.0043	0.14146	0.28621	0.74300
187	9.9653	0.98559	0.13882	0.28086	0.74400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDETT REC 11/03/79 05:15:46.897 FAC 8X6X1 PGM C034 RDG 2067

RUN 39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.372	1.3265	0.21656	0.43052	0.43400
37	7.6321	0.75708	0.12360	0.24571	0.53300
47	9.1125	0.90393	0.14758	0.29338	0.63100
52	10.118	1.0036	0.16385	0.32574	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.383	1.0299	0.16814	0.33427	0.42200
67	12.337	1.2238	0.19980	0.39720	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.491	4.6117	0.75291	1.4968	0.56400
82	30.081	2.9839	0.48715	0.96844	0.63500
92	10.228	1.0145	0.16563	0.32928	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0022	0.79379	0.12959	0.25763	-1.0000
-112	8.3023	0.82356	0.13445	0.26729	-1.0000
-122	8.8275	0.87565	0.14296	0.28420	-1.0000
-127	9.3126	0.92377	0.15081	0.29982	-1.0000
-137	9.4426	0.93667	0.15292	0.30400	-1.0000
-142	9.5926	0.95155	0.15535	0.30883	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0022	0.79379	0.12959	0.25763	0.31900
112	8.3023	0.82356	0.13445	0.26729	0.34000
122	8.8275	0.87565	0.14296	0.28420	0.38800
127	9.3126	0.92377	0.15081	0.29982	0.43200
137	9.4426	0.93667	0.15292	0.30400	0.47800
142	9.5926	0.95155	0.15535	0.30883	0.52200
152	8.2223	0.81562	0.13316	0.26472	0.56300
157	9.7826	0.97040	0.15843	0.31495	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2223	0.81562	0.13316	0.26472	-1.0000
-157	9.7826	0.97040	0.15843	0.31495	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.6076	0.95304	0.15559	0.30931	0.79300
172	10.148	1.0066	0.16434	0.32670	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.058	0.99768	0.16288	0.32380	0.79300
187	9.9526	0.97734	0.15956	0.31720	0.84400

MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.712	1.1617	0.21685	0.42821	0.43400
37	6.5449	0.64918	0.12118	0.23929	0.53300
47	7.9095	0.78454	0.14644	0.28918	0.63100
52	10.493	1.0378	0.19372	0.38254	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.2288	0.91540	0.17087	0.33742	0.42200
67	12.286	1.2187	0.22748	0.44921	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	40.855	4.0524	0.75642	1.4937	0.56400
82	26.299	2.6086	0.48693	0.96154	0.63500
92	10.248	1.0165	0.18974	0.37469	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.0494	0.79842	0.14905	0.29430	-1.0000
-112	8.3093	0.82420	0.15385	0.30380	-1.0000
-122	8.8590	0.87872	0.16402	0.32390	-1.0000
-127	9.3287	0.92531	0.17272	0.34107	-1.0000
-137	9.4637	0.93870	0.17522	0.34601	-1.0000
-142	9.6136	0.95356	0.17800	0.35149	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.0494	0.79842	0.14904	0.29430	0.31900
112	8.3093	0.82420	0.15385	0.30380	0.34000
122	8.8590	0.87872	0.16402	0.32390	0.38600
127	9.3287	0.92531	0.17272	0.34107	0.43200
137	9.4637	0.93870	0.17522	0.34601	0.47800
142	9.6136	0.95356	0.17800	0.35149	0.52200
152	8.2193	0.81527	0.15218	0.30051	0.56300
157	9.8384	0.97587	0.18216	0.35971	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	8.2193	0.81527	0.15218	0.30051	-1.0000
-157	9.8384	0.97587	0.18216	0.35971	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	9.4587	0.93820	0.17513	0.34582	0.79300
172	10.153	1.0071	0.18799	0.37122	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.068	0.99866	0.18641	0.36811	0.79300
187	9.8784	0.97983	0.18290	0.36117	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.034	0.99528	0.21595	0.42691	0.43400
37	5.6033	0.55581	0.12059	0.23840	0.53300
47	9.7738	0.96950	0.21035	0.41585	0.63100
52	10.194	1.0111	0.21939	0.43371	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.8939	0.78302	0.16989	0.33586	0.42200
67	12.223	1.2124	0.26306	0.52005	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.383	3.5097	0.76151	1.5054	0.56400
82	22.570	2.2388	0.48576	0.96030	0.63500
92	10.244	1.0161	0.22047	0.43584	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.[illegible]9	0.79741	0.17301	0.34203	-1.0000
-112	8.3290	0.82617	0.17926	0.35437	-1.0000
-122	8.8939	0.88222	0.19142	0.37841	-1.0000
-127	9.3539	0.92784	0.20131	0.39798	-1.0000
-137	9.4689	0.93925	0.20379	0.40287	-1.0000
-142	9.6239	0.95462	0.20712	0.40947	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0389	0.79741	0.17301	0.34203	0.31900
112	8.3290	0.82617	0.17926	0.35437	0.34000
122	8.8939	0.88222	0.19142	0.37841	0.38600
127	9.3539	0.92784	0.20131	0.39798	0.43200
137	9.4689	0.93925	0.20379	0.40287	0.47800
142	9.6239	0.95462	0.20712	0.40947	0.52200
152	8.2290	0.81625	0.17710	0.35012	0.56300
157	9.8688	0.97892	0.21240	0.41989	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2290	0.81625	0.17710	0.35012	-1.0000
-157	9.8688	0.97892	0.21240	0.41989	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.3789	0.93032	0.20185	0.39904	0.79300
172	10.174	1.0092	0.21896	0.43286	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.089	1.0007	0.21713	0.42925	0.79300
187	9.8888	0.98090	0.21283	0.42074	0.84400

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9213	0.78551	0.22008	0.42749	0.43400
37	10.046	0.99616	0.27910	0.54212	0.53300
47	10.255	1.0170	0.28493	0.55345	0.63100
52	10.405	1.0318	0.28909	0.56154	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.2714	0.62190	0.17424	0.33845	0.42200
67	12.164	1.2063	0.33796	0.65646	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.809	2.7576	0.77261	1.5007	0.56400
82	17.559	1.7412	0.48784	0.94760	0.63500
92	10.245	1.0160	0.28465	0.55291	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0413	0.79741	0.22341	0.43396	-1.0000
-112	8.3312	0.82616	0.23147	0.44961	-1.0000
-122	8.8560	0.87820	0.24605	0.47793	-1.0000
-127	9.3658	0.92876	0.26021	0.50544	-1.0000
-137	9.4758	0.93966	0.26327	0.51138	-1.0000
-142	9.6207	0.95403	0.26729	0.51920	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0413	0.79741	0.22341	0.43396	0.31900
112	8.3312	0.82616	0.23147	0.44961	0.34000
122	8.8560	0.87820	0.24605	0.47793	0.38600
127	9.3658	0.92876	0.26021	0.50544	0.43200
137	9.4758	0.93966	0.26327	0.51138	0.47800
142	9.6207	0.95403	0.26729	0.51920	0.52200
152	8.3062	0.82368	0.23077	0.44826	0.56300
157	9.8656	0.97832	0.27410	0.53241	0.60500

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3062	0.82368	0.23077	0.44826	-1.0000
-157	9.8656	0.97832	0.27410	0.53241	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.1409	0.90646	0.25396	0.49331	0.79300
172	10.001	0.99170	0.27785	0.53970	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.031	0.99467	0.27868	0.54131	0.79300
187	9.8506	0.97683	0.27368	0.53161	0.84400

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.2618	0.72323	0.20107	0.43705	0.43400
37	10.390	1.0348	0.28768	0.62532	0.53300
47	11.234	1.1189	0.31106	0.67613	0.63100
52	10.595	1.0552	0.29335	0.63765	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.6322	0.56092	0.15595	0.33897	0.42200
67	12.049	1.1999	0.33360	0.72513	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.814	2.7701	0.77012	1.6740	0.56400
82	17.522	1.7451	0.48515	1.0545	0.63500
92	10.190	1.0149	0.28215	0.61329	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.1065	0.80735	0.22446	0.48789	-1.0000
-112	8.4063	0.83721	0.23276	0.50593	-1.0000
-122	8.9061	0.88698	0.24659	0.53601	-1.0000
-127	9.3258	0.92878	0.25822	0.56127	-1.0000
-137	9.4007	0.93624	0.26029	0.56578	-1.0000
-142	9.5007	0.94620	0.26306	0.57179	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.1065	0.80735	0.22446	0.48789	0.31900
112	8.4063	0.83721	0.23276	0.50593	0.34000
122	8.9061	0.88698	0.24659	0.53601	0.38600
127	9.3258	0.92878	0.25822	0.56127	0.43200
137	9.4007	0.93624	0.26029	0.56578	0.47800
142	9.5007	0.94620	0.26306	0.57179	0.52200
152	8.3014	0.82676	0.22985	0.49962	0.56300
157	9.6806	0.96411	0.26804	0.58262	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3014	0.82676	0.22985	0.49962	-1.0000
-157	9.6806	0.96411	0.26804	0.58262	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6812	0.86458	0.24037	0.52247	0.79300
172	9.9553	0.99148	0.27565	0.59916	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.085	1.0044	0.27924	0.60698	0.79300
187	9.9304	0.98899	0.27496	0.59765	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.9834	0.89069	0.19360	0.42694	0.43400
37	8.8436	0.87683	0.19059	0.42030	0.53300
47	9.1082	0.90306	0.19629	0.43288	0.63100
52	10.027	0.99413	0.21608	0.47653	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.0860	0.70257	0.15271	0.33677	0.42200
67	11.958	1.1856	0.25771	0.56833	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.889	3.5583	0.77343	1.7056	0.56400
82	22.515	2.2323	0.48522	1.0701	0.63500
92	10.226	1.0139	0.22039	0.48602	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.9948	0.79267	0.17229	0.37996	-1.0000
-112	8.3394	0.82683	0.17972	0.39633	-1.0000
-122	8.8736	0.87980	0.19123	0.42172	-1.0000
-127	9.3379	0.92583	0.20124	0.44379	-1.0000
-137	9.4477	0.93672	0.20360	0.44901	-1.0000
-142	9.6025	0.95206	0.20694	0.45636	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.9948	0.79267	0.17229	0.37996	0.31900
112	8.3394	0.82683	0.17972	0.39633	0.34000
122	8.8736	0.87980	0.19123	0.42172	0.38600
127	9.3379	0.92583	0.20124	0.44379	0.43200
137	9.4477	0.93672	0.20360	0.44901	0.47800
142	9.6025	0.95206	0.20694	0.45636	0.52200
152	8.2795	0.82089	0.17843	0.39349	0.56300
157	9.7572	0.96741	0.21027	0.46372	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2795	0.82089	0.17843	0.39349	-1.0000
-157	9.7572	0.96741	0.21027	0.46372	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6339	0.85604	0.18607	0.41033	0.79300
172	10.122	1.0035	0.21813	0.48104	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.132	1.0045	0.21834	0.48131	0.79300
187	9.9519	0.98671	0.21447	0.47297	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

NASA-LEWIS PRELIMINARY DATA 06/20/79. CADDELL REC 11/03/79 05:23:53.394 FAC 8X6X1 PGM C034 RDS 2073 RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.512	1.0405	0.19104	0.42138	0.43400
37	5.7756	0.57171	0.10496	0.23152	0.53300
47	9.0617	0.89699	0.16469	0.36325	0.63100
52	10.242	1.0138	0.18613	0.41056	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.2466	0.81630	0.14987	0.33058	0.42200
67	11.911	1.1791	0.21648	0.47749	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.796	4.1373	0.75960	1.6755	0.56400
82	26.349	2.6082	0.47886	1.0562	0.63500
92	10.247	1.0143	0.18622	0.41076	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0466	0.79650	0.14624	0.32256	-1.0000
-112	8.3616	0.82769	0.15196	0.33519	-1.0000
-122	8.8717	0.87818	0.16123	0.35564	-1.0000
-127	9.3617	0.92669	0.17014	0.37528	-1.0000
-137	9.5117	0.94154	0.17287	0.38129	-1.0000
-142	9.6568	0.95589	0.17550	0.38711	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0466	0.79650	0.14624	0.32256	0.31900
112	8.3616	0.82769	0.15196	0.33519	0.34000
122	8.8717	0.87818	0.16123	0.35564	0.38600
127	9.3617	0.92669	0.17014	0.37528	0.43200
137	9.5117	0.94154	0.17287	0.38129	0.47800
142	9.6568	0.95589	0.17550	0.38711	0.52200
152	8.2866	0.82026	0.15060	0.33218	0.56300
157	9.7918	0.96925	0.17795	0.39252	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2866	0.82026	0.15060	0.33218	-1.0000
-157	9.7918	0.96925	0.17795	0.39252	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6367	0.85492	0.15696	0.34621	0.79300
172	10.092	0.99895	0.18341	0.40454	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.182	1.0079	0.18504	0.40815	0.79300
187	9.9817	0.98806	0.18141	0.40013	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 05:25:19.389 FAC 8X6X1 PGM C034 RDC 2074 RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.136	1.2045	0.19681	0.42902	0.43400
37	6.6719	0.66214	0.10820	0.23585	0.53300
47	8.1245	0.80631	0.13175	0.28720	0.63100
52	10.445	1.0366	0.16938	0.36924	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.5020	0.94301	0.15409	0.33590	0.42200
67	11.837	1.1748	0.19196	0.41844	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.395	4.7037	0.76860	1.6754	0.56400
82	30.177	2.9949	0.48937	1.0668	0.63500
92	10.255	1.0178	0.16631	0.36253	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0147	0.79541	0.12997	0.28332	-1.0000
-112	8.3092	0.82463	0.13475	0.29373	-1.0000
-122	8.8482	0.87813	0.14349	0.31279	-1.0000
-127	9.3672	0.92964	0.15191	0.33113	-1.0000
-137	9.4970	0.94251	0.15401	0.33572	-1.0000
-142	9.6417	0.95688	0.15636	0.34084	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0147	0.79541	0.12997	0.28332	0.31800
112	8.3092	0.82463	0.13475	0.29373	0.34000
122	8.8482	0.87813	0.14349	0.31279	0.38600
127	9.3672	0.92964	0.15191	0.33113	0.43200
137	9.4970	0.94251	0.15401	0.33572	0.47800
142	9.6417	0.95688	0.15636	0.34084	0.52200
152	8.2343	0.81720	0.13353	0.29109	0.56300
157	9.7814	0.97074	0.15862	0.34578	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2343	0.81720	0.13353	0.29109	-1.0000
-157	9.7814	0.97074	0.15862	0.34578	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6086	0.85435	0.13960	0.30432	0.79300
172	10.136	1.0059	0.16437	0.35830	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.151	1.0074	0.16461	0.35883	0.79300
187	9.9511	0.98758	0.16137	0.35177	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 05:27:06.082 FAC 8X6X1 PGM CG34 RDG 2075

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.096	1.3953	0.19451	0.42735	0.43400
37	8.0327	0.79513	0.11084	0.24352	0.53300
47	9.5903	0.94930	0.13233	0.29074	0.63100
52	10.149	1.0046	0.14005	0.30769	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.018	1.0906	0.15203	0.33401	0.42200
67	11.811	1.1691	0.16298	0.35807	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	4.3520	0.43079	0.060052	0.13194	0.56400
82	35.170	3.4813	0.48530	1.0662	0.63500
92	10.234	1.0130	0.14122	0.31026	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0527	0.79710	0.11112	0.24413	-1.0000
-112	8.3523	0.82676	0.11525	0.25321	-1.0000
-122	8.9164	0.88260	0.12304	0.27031	-1.0000
-127	9.3806	0.92855	0.12944	0.28438	-1.0000
-137	9.5004	0.94041	0.13109	0.28802	-1.0000
-142	9.6452	0.95474	0.13309	0.29240	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0527	0.79710	0.11112	0.24413	0.31400
112	8.3523	0.82676	0.11525	0.25321	0.34000
122	8.9164	0.88260	0.12304	0.27031	0.38600
127	9.3806	0.92855	0.12944	0.28438	0.43200
137	9.5004	0.94041	0.13109	0.28802	0.47800
142	9.6452	0.95474	0.13309	0.29240	0.52200
152	8.3023	0.82181	0.11456	0.25169	0.56300
157	9.7400	0.96412	0.13440	0.29528	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3023	0.82181	0.11456	0.25169	-1.0000
-157	9.7400	0.96412	0.13440	0.29528	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6069	0.85196	0.11876	0.26093	0.79300
172	10.249	1.0145	0.14143	0.31071	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.249	1.0145	0.14143	0.31071	0.79300
187	10.064	0.99624	0.13888	0.30512	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.370	1.3928	0.19526	0.42908	0.43400
37	7.9905	0.79098	0.11089	0.24368	0.53300
47	9.5494	0.94530	0.13252	0.29123	0.63100
52	10.154	1.0051	0.14091	0.30966	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.983	1.0872	0.15242	0.33495	0.42200
67	11.782	1.1663	0.16351	0.35932	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	4.3414	0.42976	0.060249	0.13240	0.56400
82	35.037	3.4683	0.48623	1.0685	0.63500
92	10.239	1.0136	0.14209	0.31225	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0404	0.79593	0.11158	0.24521	-1.0000
-112	8.3403	0.82561	0.11574	0.25435	-1.0000
-122	8.8649	0.87755	0.12303	0.27035	-1.0000
-127	9.3596	0.92651	0.12989	0.28544	-1.0000
-137	9.4895	0.93937	0.13169	0.28940	-1.0000
-142	9.6393	0.95421	0.13377	0.29397	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0404	0.79593	0.11158	0.24521	0.31900
112	8.3403	0.82561	0.11574	0.25435	0.34000
122	8.8649	0.87755	0.12303	0.27035	0.38600
127	9.3596	0.92651	0.12989	0.28544	0.43200
137	9.4895	0.93937	0.13169	0.28940	0.47800
142	9.6393	0.95421	0.13377	0.29397	0.52200
152	8.2803	0.81967	0.11491	0.25252	0.56300
157	9.7343	0.96360	0.13509	0.29686	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2803	0.81967	0.11491	0.25252	-1.0000
-157	9.7343	0.96360	0.13509	0.29686	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.6101	0.85232	0.11949	0.26258	0.79300
172	10.209	1.0106	0.14168	0.31134	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.209	1.0106	0.14168	0.31134	0.79300
187	10.044	0.99426	0.13939	0.30631	0.84400

U.S. GOVERNMENT PRINTING OFFICE 1979

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDELL REC 11/03/79 05:30:06.023 FAC 8X6X1 PGM C034 RDG 2077

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.087	1.1960	0.19626	0.42770	0.43400
37	6.7515	0.66806	0.10963	0.23891	0.53300
47	8.1556	0.81703	0.13243	0.28859	0.63100
52	10.464	1.0354	0.16990	0.37026	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.4546	0.93553	0.15352	0.33456	0.42200
67	11.712	1.1589	0.19018	0.41444	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.504	4.6016	0.75512	1.6456	0.56400
82	30.046	2.9731	0.48788	1.0632	0.63500
92	10.269	1.0161	0.16674	0.36337	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0307	0.79464	0.13040	0.28417	-1.0000
-112	8.3505	0.82628	0.13559	0.29549	-1.0000
-122	8.8701	0.87769	0.14403	0.31387	-1.0000
-127	9.3447	0.92465	0.15174	0.33067	-1.0000
-137	9.4995	0.93998	0.15425	0.33615	-1.0000
-142	9.6494	0.95481	0.15668	0.34145	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0307	0.79464	0.13040	0.28417	0.31900
112	8.3505	0.82628	0.13559	0.29549	0.34000
122	8.8701	0.87769	0.14403	0.31387	0.38600
127	9.3447	0.92465	0.15174	0.33067	0.43200
137	9.4995	0.93998	0.15425	0.33615	0.47800
142	9.6494	0.95481	0.15668	0.34145	0.52200
152	8.2705	0.81837	0.13429	0.29266	0.56300
157	9.7893	0.96865	0.15895	0.34640	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2705	0.81837	0.13429	0.29266	-1.0000
-157	9.7893	0.96865	0.15895	0.34640	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5703	0.84803	0.13915	0.30327	0.79300
172	10.094	0.99880	0.16390	0.35718	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.134	1.0028	0.16455	0.35860	0.79300
187	9.9541	0.98496	0.16163	0.35223	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.486	1.0420	0.19386	0.42662	0.43400
37	5.8104	0.57737	0.10742	0.23639	0.53300
47	8.6783	0.86235	0.16044	0.35306	0.63100
52	10.207	1.0142	0.18869	0.41524	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.2337	0.81817	0.15222	0.33497	0.42200
67	11.650	1.1576	0.21537	0.47395	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	40.639	4.0382	0.75130	1.6533	0.56400
82	26.300	2.6134	0.48622	1.0700	0.63500
92	10.222	1.0157	0.18897	0.41585	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0189	0.79683	0.14825	0.32623	-1.0000
-112	8.3336	0.82810	0.15406	0.33904	-1.0000
-122	8.8481	0.87922	0.16358	0.35997	-1.0000
-127	9.3176	0.92588	0.17226	0.37907	-1.0000
-137	9.4574	0.93977	0.17484	0.38476	-1.0000
-142	9.6023	0.95417	0.17752	0.39065	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0189	0.79683	0.14825	0.32623	0.31900
112	8.3336	0.82810	0.15406	0.33904	0.34000
122	8.8481	0.87922	0.16358	0.35997	0.38600
127	9.3176	0.92588	0.17226	0.37907	0.43200
137	9.4574	0.93977	0.17484	0.38476	0.47800
142	9.6023	0.95417	0.17752	0.39065	0.52200
152	8.2736	0.82214	0.15296	0.33660	0.56300
157	9.7321	0.96707	0.17992	0.39594	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2736	0.82214	0.15296	0.33660	-1.0000
-157	9.7321	0.96707	0.17992	0.39594	-1.0000

>ADDITIONAL PRESSURE RATIOS , 26 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5484	0.84944	0.15803	0.34778	0.79300
172	10.047	0.99834	0.18574	0.40874	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.127	1.0063	0.18721	0.41199	0.79300
187	9.9369	0.98732	0.18370	0.40427	0.84400

U.S. GOVERNMENT PRINTING OFFICE 1975

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.0075	0.89383	0.19389	0.42902	0.43400
37	8.5328	0.84672	0.18367	0.40641	0.53300
47	9.0075	0.89383	0.19389	0.42902	0.63100
52	10.012	0.99348	0.21550	0.47686	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.1085	0.70538	0.15301	0.33857	0.42200
67	11.605	1.1516	0.24981	0.55276	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.056	3.4787	0.75459	1.6697	0.56400
82	22.546	2.2373	0.48530	1.0739	0.63500
92	10.247	1.0168	0.22056	0.48804	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0381	0.79763	0.17302	0.38285	-1.0000
-112	8.3379	0.82738	0.17947	0.39713	-1.0000
-122	8.8276	0.87598	0.19002	0.42046	-1.0000
-127	9.3223	0.92506	0.20066	0.44402	-1.0000
-137	9.4372	0.93647	0.20314	0.44949	-1.0000
-142	9.5871	0.95134	0.20636	0.45663	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0381	0.79763	0.17302	0.38285	0.31900
112	8.3379	0.82738	0.17947	0.39713	0.34000
122	8.8276	0.87598	0.19002	0.42046	0.38600
127	9.3223	0.92506	0.20066	0.44402	0.43200
137	9.4372	0.93647	0.20314	0.44949	0.47800
142	9.5871	0.95134	0.20636	0.45663	0.52200
152	8.2629	0.81994	0.17786	0.39356	0.56300
157	9.7370	0.96621	0.20959	0.46377	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2629	0.81994	0.17786	0.39356	-1.0000
-157	9.7370	0.96621	0.20959	0.46377	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5428	0.84771	0.18388	0.40689	0.79300
172	10.032	0.99547	0.21593	0.47781	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.132	1.0054	0.21808	0.48257	0.79300
187	9.9218	0.98456	0.21357	0.47257	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.2722	0.72366	0.20304	0.43859	0.43400
37	10.451	1.0400	0.29179	0.63030	0.53300
47	11.329	1.1273	0.31631	0.68325	0.63100
52	10.610	1.0559	0.29625	0.63993	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.6199	0.55924	0.15691	0.33894	0.42200
67	11.513	1.1457	0.32146	0.69438	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.296	2.7163	0.76213	1.6463	0.56400
87	17.403	1.7318	0.48590	1.0496	0.63500
92	10.206	1.0156	0.28497	0.61556	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0757	0.80362	0.22548	0.48706	-1.0000
-112	8.3502	0.83093	0.23314	0.50361	-1.0000
-122	8.9340	0.88903	0.24944	0.53882	-1.0000
-127	9.3631	0.93173	0.26143	0.56470	-1.0000
-137	9.4480	0.94017	0.26379	0.56982	-1.0000
-142	9.5577	0.95110	0.26686	0.57644	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0757	0.80362	0.22548	0.48706	0.31900
112	8.3502	0.83093	0.23314	0.50361	0.34000
122	8.9340	0.88903	0.24944	0.53882	0.38600
127	9.3631	0.93173	0.26143	0.56470	0.43200
137	9.4480	0.94017	0.26379	0.56982	0.47800
142	9.5577	0.95110	0.26686	0.57644	0.52200
152	8.3252	0.82845	0.23245	0.50210	0.56300
157	9.7324	0.96847	0.27173	0.58697	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3252	0.82845	0.23245	0.50210	-1.0000
-157	9.7324	0.96847	0.27173	0.58697	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5248	0.84831	0.23802	0.51414	0.79300
172	9.9968	0.99479	0.27912	0.60292	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.131	1.0082	0.28288	0.61104	0.79300
187	9.9569	0.99082	0.27800	0.60051	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE: 1979

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.5726	0.85094	0.23862	0.42668	0.43400
37	10.029	0.99552	0.27917	0.49918	0.53300
47	9.9593	0.98859	0.27722	0.49570	0.63100
52	10.263	1.0188	0.28569	0.51085	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.7764	0.67265	0.18863	0.33729	0.42200
67	11.435	1.1351	0.31831	0.56918	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.627	2.7424	0.76903	1.3751	0.56400
82	17.463	1.7334	0.48609	0.86919	0.63500
92	10.234	1.0158	0.28486	0.50936	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR CHANNEL

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.1186	0.80588	0.22599	0.40409	-1.0000
-112	8.4329	0.83703	0.23474	0.41973	-1.0000
-122	8.9118	0.88461	0.24807	0.44357	-1.0000
-127	9.3657	0.92967	0.26070	0.46616	-1.0000
-137	9.4655	0.93957	0.26348	0.47113	-1.0000
-142	9.6001	0.95294	0.26723	0.47783	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.1186	0.80588	0.22599	0.40409	0.31900
112	8.4329	0.83707	0.23474	0.41973	0.34000
122	8.9118	0.88461	0.24807	0.44357	0.38600
127	9.3657	0.92967	0.26070	0.46616	0.43200
137	9.4655	0.93957	0.26348	0.47113	0.47800
142	9.6001	0.95294	0.26723	0.47783	0.52200
152	8.3780	0.83163	0.23321	0.41700	0.56300
157	9.7498	0.96779	0.27139	0.48528	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3780	0.83163	0.23321	0.41700	-1.0000
-157	9.7498	0.96779	0.27139	0.48528	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5277	0.84648	0.23737	0.42445	0.79300
172	10.014	0.99403	0.27875	0.49844	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.204	1.0128	0.28403	0.50787	0.79300
187	9.9802	0.99156	0.27806	0.49719	0.84400

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 05:37:14.418 FAC 8X6X1 PGM C034 RDG 2092 RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.052	1.0985	0.23891	0.42674	0.43400
37	6.0766	0.60396	0.13136	0.23463	0.53300
47	8.3977	0.83465	0.18153	0.32425	0.63100
52	10.294	1.0231	0.22252	0.39746	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6721	0.86193	0.18746	0.33484	0.42200
67	11.376	1.1307	0.24592	0.43926	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.934	3.5715	0.77678	1.3875	0.56400
82	22.587	2.2449	0.48825	0.87211	0.63500
92	10.229	1.0167	0.22112	0.39495	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0982	0.80489	0.17506	0.31268	-1.0000
-112	8.4027	0.83514	0.18164	0.32444	-1.0000
-122	8.8967	0.88425	0.19232	0.34351	-1.0000
-127	9.3558	0.92988	0.20224	0.36124	-1.0000
-137	9.4755	0.94178	0.20483	0.36586	-1.0000
-142	9.6502	0.95914	0.20860	0.37261	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0982	0.80489	0.17506	0.31268	0.31900
112	8.4027	0.83514	0.18164	0.32444	0.34000
122	8.8967	0.88425	0.19232	0.34351	0.38600
127	9.3558	0.92988	0.20224	0.36124	0.43200
137	9.4755	0.94178	0.20483	0.36586	0.47800
142	9.6502	0.95914	0.20860	0.37261	0.52200
152	8.3627	0.83118	0.18077	0.32290	0.56300
157	9.7849	0.97253	0.21152	0.37781	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3627	0.83118	0.18077	0.32290	-1.0000
-157	9.7849	0.97253	0.21152	0.37781	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5374	0.84854	0.18455	0.32964	0.79300
172	10.004	0.99435	0.21626	0.38629	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.169	1.0107	0.21982	0.39264	0.79300
187	9.9795	0.99187	0.21572	0.38532	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDFII REC 11/03/79 05:39:50.747 FAC 8X6XL PGM C034 RDG 2083

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.863	1.2783	0.23786	0.42835	0.43400
37	7.0948	0.70505	0.13119	0.23626	0.53300
47	8.6172	0.85634	0.15934	0.28695	0.63100
52	10.663	1.0597	0.19718	0.35508	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.049	0.99868	0.18583	0.33465	0.42200
67	11.317	1.1246	0.20926	0.37685	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.827	4.1566	0.77343	1.3928	0.56400
82	26.324	2.6160	0.48677	0.87660	0.63500
92	10.229	1.0165	0.18915	0.34063	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.9933	0.79434	0.14781	0.26618	-1.0000
-112	8.3028	0.82510	0.15353	0.27648	-1.0000
-122	8.8368	0.87817	0.16340	0.29427	-1.0000
-127	9.3209	0.92627	0.17236	0.31039	-1.0000
-137	9.4706	0.94115	0.17512	0.31537	-1.0000
-142	9.6303	0.95702	0.17808	0.32069	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.9933	0.79434	0.14781	0.26618	0.31900
112	8.3028	0.82510	0.15353	0.27648	0.34000
122	8.8368	0.87817	0.16340	0.29427	0.38600
127	9.3209	0.92627	0.17236	0.31039	0.43200
137	9.4706	0.94115	0.17512	0.31537	0.47800
142	9.6303	0.95702	0.17808	0.32069	0.52200
152	8.3028	0.82510	0.15353	0.27648	0.56300
157	9.7950	0.97339	0.18112	0.32617	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAF

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3028	0.82510	0.15353	0.27648	-1.0000
-157	9.7950	0.97339	0.18112	0.32617	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5074	0.84543	0.15731	0.28330	0.79300
172	9.9996	0.99372	0.18491	0.33299	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.139	1.0076	0.18749	0.33764	0.79300
187	9.9447	0.98826	0.18389	0.33116	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.713	1.4590	0.23645	0.42866	0.43400
37	8.3345	0.82647	0.13394	0.24283	0.53300
47	9.9669	0.98835	0.16018	0.29039	0.63100
52	10.192	1.0106	0.16379	0.29693	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.519	1.1423	0.18512	0.33561	0.42200
67	11.300	1.1205	0.18159	0.32921	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	47.159	4.6764	0.75788	1.3740	0.56400
82	30.230	2.9977	0.48582	0.88075	0.63500
92	10.236	1.0151	0.16451	0.29824	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.0848	0.80171	0.12993	0.23555	-1.0000
-112	8.3794	0.83093	0.13466	0.24413	-1.0000
-122	8.9436	0.88687	0.14373	0.26057	-1.0000
-127	9.3979	0.93192	0.15103	0.27381	-1.0000
-137	9.5227	0.94429	0.15304	0.27744	-1.0000
-142	9.6724	0.95914	0.15544	0.28181	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.0848	0.80171	0.12993	0.23555	0.31900
112	8.3794	0.83093	0.13466	0.24413	0.34000
122	8.9436	0.88687	0.14373	0.26057	0.38600
127	9.3979	0.93192	0.15103	0.27381	0.43200
137	9.5227	0.94429	0.15304	0.27744	0.47800
142	9.6724	0.95914	0.15544	0.28181	0.52200
152	8.3794	0.83093	0.13466	0.24413	0.56300
157	9.8072	0.97251	0.15761	0.28573	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	8.3794	0.83093	0.13466	0.24413	-1.0000
-157	9.8072	0.97251	0.15761	0.28573	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.5292	0.84578	0.13707	0.24850	0.79300
172	10.122	1.0037	0.16266	0.29490	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.227	1.0141	0.16435	0.29795	0.79300
187	10.037	0.99528	0.16130	0.29242	0.84400

>OPTION 5 MEASURED THRUST PARAMETERS

U.S. GOVERNMENT PRINTING OFFICE 1979

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.109	1.6909	0.23666	0.42768	0.43400
37	10.044	0.99267	0.13894	0.25108	0.53300
47	11.582	1.1447	0.16021	0.28953	0.63100
52	10.424	1.0302	0.14419	0.26057	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.420	1.3263	0.18563	0.33546	0.42200
67	11.283	1.1151	0.15607	0.28204	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	3.8182	0.37735	0.052815	0.095446	0.56400
82	35.160	3.4749	0.48635	0.87893	0.63500
92	10.249	1.0129	0.14177	0.25620	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.0811	0.79866	0.11178	0.20201	-1.0000
-112	8.3859	0.82878	0.11600	0.20963	-1.0000
-122	8.8804	0.87766	0.12284	0.22199	-1.0000
-127	9.3699	0.92603	0.12961	0.23423	-1.0000
-137	9.5098	0.93986	0.13154	0.23772	-1.0000
-142	9.6496	0.95368	0.13348	0.24122	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.0811	0.79866	0.11178	0.20201	0.31900
112	8.3859	0.82878	0.11600	0.20963	0.34000
122	8.8804	0.87766	0.12284	0.22199	0.38600
127	9.3699	0.92603	0.12961	0.23423	0.43200
137	9.5098	0.93986	0.13154	0.23772	0.47800
142	9.6496	0.95368	0.13348	0.24122	0.52200
152	8.3009	0.82039	0.11482	0.20751	0.56300
157	9.7445	0.96306	0.13479	0.24359	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	8.3009	0.82039	0.11482	0.20751	-1.0000
-157	9.7445	0.96306	0.13479	0.24359	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.5357	0.84359	0.11807	0.21337	0.79300
172	10.159	1.0040	0.14052	0.25395	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.244	1.0124	0.14170	0.25608	0.79300
187	10.074	0.99563	0.13935	0.25183	0.84400

>OPTION 5 MEASURED THRUST PARAMETERS

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.088	1.6955	0.23639	0.43007	0.43400
37	9.8795	0.98023	0.13667	0.24864	0.53300
47	11.593	1.1508	0.16045	0.29190	0.63100
52	10.389	1.0308	0.14372	0.26147	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.332	1.3228	0.18443	0.33554	0.42200
67	11.289	1.1200	0.15616	0.28411	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	3.8095	0.37797	0.052698	0.095876	0.56400
82	35.206	3.4931	0.48702	0.88605	0.63500
92	10.214	1.0134	0.14130	0.25707	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0551	0.79922	0.11143	0.20273	-1.0000
-112	8.3500	0.82848	0.11551	0.21015	-1.0000
-122	8.8699	0.88006	0.12270	0.22323	-1.0000
-127	9.3597	0.92866	0.12948	0.23556	-1.0000
-137	9.4896	0.94155	0.13127	0.23883	-1.0000
-142	9.6346	0.95593	0.13328	0.24248	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0551	0.79922	0.11143	0.20273	0.31900
112	8.3500	0.82848	0.11551	0.21015	0.34000
122	8.8699	0.88006	0.12270	0.22323	0.38600
127	9.3597	0.92866	0.12948	0.23556	0.43200
137	9.4896	0.94155	0.13127	0.23883	0.47800
142	9.6346	0.95593	0.13328	0.24248	0.52200
152	8.3000	0.82352	0.11482	0.20889	0.56300
157	9.7345	0.96585	0.13466	0.24499	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3000	0.82352	0.11482	0.20889	-1.0000
-157	9.7345	0.96585	0.13466	0.24499	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5300	0.84633	0.11800	0.21468	0.79300
172	10.119	1.0040	0.13999	0.25468	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.229	1.0149	0.14151	0.25745	0.79300
187	10.049	0.99709	0.13902	0.25292	0.84400

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/20/79 CADDEII REC 11/03/79 05:46:00.369 FAC 8X6X1 PGM CJ34 RDG 2087

RUN39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.665	1.4566	0.23673	0.42897	0.43400
37	8.2859	0.82297	0.13375	0.24237	0.53300
47	9.9299	0.98625	0.16029	0.29046	0.63100
52	10.180	1.0111	0.16432	0.29777	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.394	1.1316	0.18392	0.33328	0.42200
67	11.254	1.1177	0.18166	0.32918	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	46.287	4.5973	0.74718	1.3540	0.56400
82	30.126	2.9922	0.48631	0.88123	0.63500
92	10.225	1.0155	0.16505	0.29908	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.0910	0.80361	0.13061	0.23667	-1.0000
-112	8.3859	0.83290	0.13537	0.24530	-1.0000
-122	8.9356	0.88749	0.14426	0.26137	-1.0000
-127	9.3653	0.93017	0.15118	0.27394	-1.0000
-137	9.5002	0.94357	0.15335	0.27789	-1.0000
-142	9.6651	0.95995	0.15602	0.28271	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.0910	0.80361	0.13061	0.23667	0.31900
112	8.3859	0.83290	0.13537	0.24530	0.34000
122	8.9356	0.88749	0.14424	0.26137	0.38600
127	9.3653	0.93017	0.15118	0.27394	0.43200
137	9.5002	0.94357	0.15335	0.27789	0.47800
142	9.6651	0.95995	0.15602	0.28271	0.52200
152	8.3709	0.83141	0.13512	0.24486	0.56300
157	9.7650	0.96987	0.15763	0.28564	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	8.3709	0.83141	0.13512	0.24486	-1.0000
-157	9.7650	0.96987	0.15763	0.28564	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.5158	0.84580	0.13746	0.24910	0.79300
172	10.090	1.0021	0.16287	0.29514	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.240	1.0170	0.16529	0.29952	0.79300
187	10.050	0.99816	0.16223	0.29397	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.842	1.2735	0.23673	0.42778	0.43400
37	7.1817	0.71221	0.13239	0.23923	0.53300
47	8.6558	0.85840	0.15957	0.28834	0.63100
52	10.689	1.0600	0.19705	0.35607	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.9998	0.99168	0.18434	0.33311	0.42200
67	11.219	1.1125	0.20681	0.37371	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	40.686	4.0348	0.75002	1.3553	0.56400
82	26.303	2.6084	0.48488	0.87618	0.63500
92	10.255	1.0169	0.18904	0.34159	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0013	0.79349	0.14750	0.26653	-1.0000
-112	8.2911	0.82223	0.15284	0.27619	-1.0000
-122	8.8307	0.87574	0.16279	0.29416	-1.0000
-127	9.3103	0.92331	0.17163	0.31014	-1.0000
-137	9.4303	0.93520	0.17384	0.31413	-1.0000
-142	9.5801	0.95006	0.17660	0.31913	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0013	0.79349	0.14750	0.26653	0.21900
112	8.2911	0.82223	0.15284	0.27619	0.34000
122	8.8307	0.87574	0.16279	0.29416	0.38600
127	9.3103	0.92331	0.17163	0.31014	0.43200
137	9.4303	0.93520	0.17384	0.31413	0.47800
142	9.5801	0.95006	0.17660	0.31913	0.52200
152	8.2811	0.82124	0.15266	0.27585	0.56300
157	9.7300	0.96493	0.17937	0.32412	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.2811	0.82124	0.15266	0.27585	-1.0000
-157	9.7300	0.96493	0.17937	0.32412	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.4959	0.84254	0.15662	0.28301	0.79300
172	9.9049	0.98227	0.18259	0.32994	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.090	1.0006	0.18600	0.33610	0.79300
187	9.9198	0.98375	0.18287	0.33044	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE: 1979

RUN 39

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.026	1.0916	0.23700	0.42775	0.43400
37	6.0809	0.60203	0.13071	0.23591	0.53300
47	8.8387	0.87505	0.18998	0.34289	0.65100
52	10.342	1.0239	0.22229	0.40121	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6139	0.85280	0.18515	0.33417	0.42200
67	11.166	1.1055	0.24000	0.43318	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.152	3.4801	0.75556	1.3637	0.56400
82	22.617	2.2391	0.48613	0.87740	0.63500
92	10.272	1.0170	0.22079	0.39850	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.0794	0.79989	0.17366	0.31344	-1.0000
-112	8.3691	0.82857	0.17989	0.32468	-1.0000
-122	8.9236	0.88346	0.19181	0.34619	-1.0000
-127	9.3931	0.92994	0.20190	0.36440	-1.0000
-137	9.5030	0.94082	0.20426	0.36866	-1.0000
-142	9.6478	0.95516	0.20737	0.37428	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.0794	0.79989	0.17366	0.31344	0.31900
112	8.3691	0.82857	0.17989	0.32468	0.34000
122	8.9236	0.88346	0.19181	0.34619	0.38600
127	9.3931	0.92994	0.20190	0.36440	0.43200
137	9.5030	0.94082	0.20426	0.36866	0.47800
142	9.6478	0.95516	0.20737	0.37428	0.52200
152	8.3642	0.82808	0.17978	0.32448	0.56300
157	9.7876	0.96900	0.21038	0.37971	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3642	0.82808	0.17978	0.32448	-1.0000
-157	9.7876	0.96900	0.21038	0.37971	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5040	0.84192	0.18279	0.32991	0.79300
172	9.9774	0.98779	0.21446	0.38707	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.167	1.0066	0.21854	0.39443	0.79300
187	9.9924	0.98928	0.21478	0.38765	0.84400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.5772	0.85125	0.23773	0.42701	0.43400
37	10.024	0.99488	0.27784	0.49906	0.53300
47	9.9646	0.98894	0.27618	0.49608	0.63100
52	10.274	1.0196	0.28476	0.51148	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.7552	0.67043	0.18723	0.33630	0.42200
67	11.127	1.1043	0.30841	0.55395	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.412	2.7205	0.75976	1.3647	0.56400
82	17.492	1.7360	0.48481	0.87081	0.63500
92	10.224	1.0147	0.28337	0.50899	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.1280	0.80667	0.22528	0.40464	-1.0000
-112	8.4774	0.84134	0.23496	0.42204	-1.0000
-122	8.9415	0.88741	0.24783	0.44515	-1.0000
-127	9.3657	0.92951	0.25959	0.46626	-1.0000
-137	9.4406	0.93694	0.26166	0.46999	-1.0000
-142	9.5604	0.94883	0.26498	0.47595	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.1280	0.80667	0.22528	0.40464	0.31900
112	8.4774	0.84134	0.23496	0.42204	0.34000
122	8.9415	0.88741	0.24783	0.44515	0.38600
127	9.3657	0.92951	0.25959	0.46626	0.43200
137	9.4406	0.93694	0.26166	0.46999	0.47800
142	9.5604	0.94883	0.26498	0.47595	0.52200
152	8.3876	0.83243	0.23247	0.41757	0.56300
157	9.7101	0.96368	0.26913	0.48341	0.60500

>ADDITIONAL PRESSURE RATIOS , PAF NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.3876	0.83243	0.23247	0.41757	-1.0000
-157	9.7101	0.96368	0.26913	0.48341	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.4874	0.84234	0.23524	0.42254	0.79300
172	9.9197	0.98448	0.27494	0.49384	0.84400

>ADDITIONAL PRESSUPE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.124	1.0048	0.28061	0.50403	0.79300
187	9.9746	0.98993	0.27646	0.49657	0.84400

☆ U.S. GOVERNMENT PRINTING OFFICE 1979

Run 44

NASA-LEWIS PRELIMINARY DATA CARDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2171 TO 2223
TIME AND DATE PROCESSED 21:27:12 JUL 21 1979

NOZZLE TYPE	P+W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	A2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	CONICAL SPLITTER
FAN NOZZLE	IRIS
CLAMSHELL POSITION	17 DEG
EJECTOR INLET OPENING	MIDWAY

RDG	MD	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CFI	ETA1	ETA1,INT	CFP1	CFP2	F9
2171	0.945	1.94	3.53	1.82	0.000	0.289	0.952	0.985	0.7268	0.7268	0.7359	0.7359	0.7388	******
2172	0.944	1.98	4.52	2.28	0.000	0.226	0.953	0.985	0.7975	0.7975	0.8039	0.8039	0.8059	******
2173	0.945	1.97	5.27	2.67	0.000	0.193	0.953	0.987	0.8393	0.8393	0.8445	0.8445	0.8462	******
2174	0.945	1.96	6.01	3.07	0.000	0.170	0.954	0.987	0.8648	0.8648	0.8691	0.8691	0.8706	******
2175	0.942	1.97	7.02	3.56	0.000	0.145	0.955	0.988	0.8898	0.8898	0.8933	0.8933	0.8946	******
2176	0.948	1.97	7.03	3.58	0.000	0.142	0.954	0.988	0.8734	0.8734	0.8771	0.8771	0.8784	******
2177	0.950	1.97	7.04	3.57	0.000	0.145	0.954	0.989	0.8835	0.8835	0.8871	0.8871	0.8884	******
2178	0.949	1.96	6.01	3.07	0.000	0.170	0.954	0.989	0.8606	0.8606	0.8650	0.8650	0.8665	******
2179	0.950	1.97	5.28	2.68	0.000	0.192	0.953	0.986	0.8311	0.8311	0.8363	0.8363	0.8380	******
2180	0.951	1.98	4.52	2.28	0.000	0.226	0.952	0.985	0.7880	0.7880	0.7945	0.7945	0.7965	******
2181	0.951	1.95	3.53	1.81	0.000	0.289	0.951	0.984	0.7131	0.7131	0.7223	0.7223	0.7252	******
2182	0.950	1.95	3.53	1.81	0.000	0.289	0.952	0.985	0.7138	0.7138	0.7230	0.7230	0.7259	******
2183	0.950	1.98	4.53	2.29	0.000	0.225	0.953	0.984	0.7917	0.7917	0.7982	0.7982	0.8002	******
2184	0.896	1.95	3.54	1.82	0.000	0.288	0.951	0.984	0.7890	0.7890	0.7972	0.7972	0.8001	******
2185	0.895	1.98	4.52	2.29	0.000	0.225	0.952	0.985	0.8399	0.8399	0.8457	0.8457	0.8478	******
2186	0.895	1.97	5.27	2.67	0.000	0.194	0.952	0.986	0.8734	0.8734	0.8781	0.8781	0.8798	******
2187	0.895	1.96	6.05	3.09	0.000	0.169	0.954	0.988	0.8967	0.8967	0.9006	0.9006	0.9021	******
2188	0.895	1.98	7.04	3.55	0.000	0.145	0.955	0.988	0.9150	0.9150	0.9183	0.9183	0.9196	******
2189	0.895	1.98	7.05	3.57	0.000	0.145	0.955	0.988	0.9175	0.9175	0.9207	0.9207	0.9220	******
2191	0.895	1.96	6.07	3.09	0.000	0.168	0.954	0.988	0.8958	0.8958	0.8997	0.8997	0.9012	******
2192	0.895	1.97	5.28	2.68	0.000	0.193	0.953	0.986	0.8735	0.8735	0.8782	0.8782	0.8799	******
2193	0.895	1.99	4.53	2.28	0.000	0.225	0.952	0.985	0.8419	0.8419	0.8477	0.8477	0.8497	******
2194	0.895	1.95	3.52	1.81	0.000	0.289	0.952	0.985	0.7896	0.7896	0.7979	0.7979	0.8008	******
2195	0.797	1.98	3.54	1.79	0.000	0.287	0.952	0.987	0.8549	0.8549	0.8615	0.8616	0.8646	******
2196	0.797	1.97	4.54	2.30	0.000	0.224	0.953	0.987	0.8848	0.8848	0.8895	0.8895	0.8915	******
2197	0.797	1.96	5.30	2.71	0.000	0.192	0.954	0.988	0.9114	0.9114	0.9151	0.9151	0.9168	******
2198	0.797	1.98	6.05	3.06	0.000	0.168	0.955	0.989	0.9264	0.9264	0.9295	0.9295	0.9310	******
2199	0.796	1.97	7.04	3.58	0.000	0.144	0.955	0.989	0.9439	0.9439	0.9465	0.9465	0.9478	******
2200	0.798	1.96	5.31	2.71	0.000	0.192	0.954	0.988	0.9141	0.9141	0.9179	0.9179	0.9196	******
2201	0.699	1.98	3.52	1.77	0.000	0.286	0.952	0.988	0.8784	0.8784	0.8837	0.8837	0.8867	******
2202	0.699	1.96	4.52	2.30	0.000	0.224	0.953	0.989	0.9037	0.9037	0.9074	0.9074	0.9091	******
2203	0.698	1.97	5.28	2.67	0.000	0.192	0.954	0.988	0.9245	0.9245	0.9275	0.9275	0.9292	******
2204	0.698	1.98	6.03	3.05	0.000	0.168	0.955	0.992	0.9388	0.9388	0.9413	0.9413	0.9428	******
2205	0.698	1.97	8.74	3.42	0.000	0.151	0.955	0.992	0.9493	0.9493	0.9514	0.9514	0.9528	******
2206	0.698	1.98	5.27	2.66	0.000	0.193	0.955	0.990	0.9250	0.9250	0.9280	0.9280	0.9297	******
2207	0.561	1.97	3.53	1.79	0.000	0.286	0.953	0.989	0.9029	0.9029	0.9064	0.9064	0.9094	******
2208	0.562	1.98	4.52	2.29	0.000	0.224	0.954	0.990	0.9209	0.9209	0.9233	0.9233	0.9254	******
2209	0.563	1.97	5.29	2.69	0.000	0.191	0.956	0.991	0.9409	0.9409	0.9428	0.9428	0.9445	******

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2171 TO 2223
TIME AND DATE PROCESSED 21:37:12 JUN 21 1979

Run 44 Cont.

NOZZLE TYPE	P+W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	A2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	CONICAL SPLITTER
FAN NOZZLE	IRIS
CLAMSHELL POSITION	17 DEG
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTE/PTP	PTE/PO	PTP/PO	OMEGA	PTS/PTE	CDE	CDP	CFI	ETAI	ETAI,INT	CFPI	CFP2	F9
2210	0.559	1.97	5.75	2.92	0.000	0.175	0.956	0.990	0.9487	0.9487	0.9504	0.9504	0.9520	******
2211	0.561	1.97	5.30	2.69	0.000	0.191	0.955	0.990	0.9418	0.9418	0.9437	0.9437	0.9454	******
2212	0.561	1.97	4.52	2.29	0.000	0.224	0.954	0.989	0.9212	0.9212	0.9237	0.9237	0.9257	******
2213	0.562	1.96	3.62	1.85	0.000	0.279	0.953	0.988	0.9093	0.9093	0.9127	0.9127	0.9154	******
2214	0.562	1.97	3.54	1.80	0.000	0.284	0.952	0.989	0.9408	0.9408	0.9423	0.9423	0.9453	******
2215	0.559	1.97	4.54	2.30	0.000	0.222	0.953	0.989	0.9500	0.9500	0.9511	0.9511	0.9531	******
2216	0.556	1.97	5.32	2.69	0.000	0.189	0.955	0.989	0.9636	0.9636	0.9645	0.9645	0.9662	******
2217	0.560	1.97	5.82	2.95	0.000	0.173	0.955	0.990	0.9708	0.9708	0.9715	0.9715	0.9731	******
2218	0.557	1.97	5.32	2.70	0.000	0.190	0.955	0.989	0.9641	0.9641	0.9650	0.9650	0.9667	******
2219	0.031	1.97	3.54	1.80	0.000	0.284	0.952	0.987	0.9645	0.9645	0.9646	0.9646	0.9675	******
2220	0.033	1.97	4.53	2.30	0.000	0.221	0.953	0.989	0.9673	0.9673	0.9673	0.9673	0.9694	******
2221	0.049	1.98	5.29	2.67	0.000	0.190	0.954	0.990	0.9772	0.9772	0.9772	0.9772	0.9789	******
2222	0.052	1.96	6.04	3.08	0.000	0.166	0.956	0.987	0.9827	0.9827	0.9828	0.9828	0.9843	******
2223	0.054	1.99	5.29	2.65	0.000	0.190	0.954	0.995	0.9768	0.9768	0.9769	0.9769	0.9786	******

ORIGINAL PAGE IS
OF POOR QUALITY

Run 49

[illegible] PRELIMINARY DATA 06/21/79 [illegible] PAGE 11/28/79 04:26:33.PSA FAC 8X6X1 PGM F034 PAG 2171

[illegible] PRESSURE RATIOS , PRIMARY PLUG

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
[illegible]	7.6178	0.77963	0.21968	0.42[illegible]	0.43400
[illegible]	8.4282	1.0329	0.25617	0.45752	0.53300
47	8.4232	1.0317	0.25579	0.4[illegible]85	0.63100
52	9.6793	1.0121	0.28702	0.55743	0.72900

[illegible] PRESSURE RATIOS , FLOW SPLITTER 1.0.

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	5.8569	0.61246	0.17349	0.23733	0.42200
69	13.633	1.4256	0.43429	0.78519	0.69200

[illegible] PRESSURE RATIOS , FLOW SPLITTER 5.0.

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	25.977	2.7164	0.77035	1.4961	0.96400
82	16.162	1.6900	0.47928	0.93084	0.63500
92	9.7086	1.0152	0.28780	0.55916	0.69200

[illegible] PRESSURE RATIOS , FLOW SPLITTER

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-137	7.6879	0.80392	0.22799	0.44279	-1.0000
-113	9.2833	1.0126	0.28716	0.55772	-1.0000
-122	8.3331	0.87139	0.24712	0.47995	-1.0000
-127	8.6282	0.90225	0.25587	0.49694	-1.0000
-137	8.5732	0.89277	0.25302	0.49123	-1.0000
-143	8.4682	0.88643	0.25306	0.49125	-1.0000

[illegible] PRESSURE RATIOS , FLOW SPLITTER

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
137	7.6879	0.80392	0.22799	0.44279	0.31900
113	9.2833	1.0126	0.28716	0.55772	0.34000
122	8.3331	0.87139	0.24712	0.47995	0.38600
127	8.6282	0.90225	0.25587	0.49694	0.43200
137	8.5732	0.89277	0.25302	0.49123	0.47800
143	8.4682	0.88643	0.25306	0.49125	0.52200
127	8.6282	0.90317	0.25587	0.55772	0.56300
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.60500

[illegible] PRESSURE RATIOS , FLOW SPLITTER 5.0

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-[illegible]	8.6833	1.0127	0.28716	0.55772	-1.0000
-127	8.6282	0.90317	0.25587	0.49694	-1.0000

[illegible] PRESSURE RATIOS , 90 DEG CIRCUM IRREGULAR

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
147	8.7174	0.73244	0.19521	0.38[illegible]6	0.79300
172	8.5143	0.[illegible]593	0.[illegible]227	0.[illegible]4821	0.84400

[illegible] PRESSURE RATIOS , 90 DEG CIRCUM IRREGULAR

AVG WGRD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
147	8.7382	0.91276	0.25913	0.[illegible]228	0.79300
172	8.6213	1.1063	0.28[illegible]8	0.[illegible]426	0.84400

[illegible] MEAN WGRD TURBINE DISCHARGE

126

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CASE11 RFC 11/08/79 04:25:22.837 FAC 8XEX1 PGM C034 RDG 2172

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	8.3162	0.97495	0.91547	0.42526	0.43400
37	5.0567	0.52864	0.11696	0.23129	0.63300
42	8.3377	0.85963	0.14578	0.28852	0.63100
52	0.6663	1.0108	0.22347	0.44227	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	7.3184	0.76508	0.16913	0.33474	0.42700
67	13.539	1.4154	0.31290	0.61928	0.69200

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	33.571	3.5201	0.77517	1.5401	0.58400
82	20.806	2.1751	0.48085	0.95168	0.63550
87	9.7093	1.0150	0.22438	0.44410	0.69200

ADDITIONAL PRESSURE RATIOS , EJECTOR SYSTEM

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	7.6486	0.79960	0.17676	0.34984	-1.0000
-112	9.6943	1.0124	0.22381	0.44296	-1.0000
-122	8.2788	0.86549	0.19133	0.37867	-1.0000
-127	8.5743	0.89634	0.19815	0.39217	-1.0000
-137	8.5840	0.89739	0.19838	0.39263	-1.0000
-142	8.6193	0.90105	0.19919	0.39423	-1.0000

ADDITIONAL PRESSURE RATIOS , EIGHTEEN INLET

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	7.6486	0.79960	0.17676	0.34984	0.31900
112	9.6943	1.0124	0.22381	0.44296	0.34000
122	8.2788	0.86549	0.19133	0.37867	0.38600
127	8.5743	0.89634	0.19815	0.39217	0.43200
137	8.5840	0.89739	0.19838	0.39263	0.47800
142	8.6193	0.90105	0.19919	0.39423	0.52200
152	9.6943	1.0124	0.22381	0.44296	0.56300
157	8.7877	0.91882	0.20317	0.40231	0.60500

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-152	9.6943	1.0124	0.22381	0.44296	-1.0000
-157	8.7877	0.91882	0.20317	0.40231	-1.0000

ADDITIONAL PRESSURE RATIOS , 90 DEG SIMILAR LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	6.6283	0.69285	0.15341	0.30382	0.79300
172	8.4842	0.88659	0.19619	0.38861	0.84400

ADDITIONAL PRESSURE RATIOS , 90 DEG SIMILAR LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	8.7999	0.91946	0.20357	0.39835	0.79300
187	8.4483	1.1348	0.22330	0.44136	0.84400

MEASURED THRUST PARAMETERS

127

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:26:10.345 FAC 8X6X1 PGM C034 RDG 2173

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	10.942	1.1424	0.21679	0.42736	0.43400
37	5.9539	0.62162	0.11791	0.23253	0.53300
47	7.3451	0.76688	0.14546	0.28687	0.63100
52	9.6867	1.0114	0.19183	0.37832	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	8.5711	0.89488	0.16974	0.33475	0.42200
67	13.478	1.4172	0.26691	0.52638	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	39.200	4.0928	0.77632	1.5310	0.56400
82	24.367	2.5441	0.48256	0.95166	0.63500
92	9.7167	1.0145	0.19243	0.37949	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	7.6204	0.79562	0.15091	0.29762	-1.0000
-112	9.6917	1.0119	0.19193	0.37852	-1.0000
-122	8.2458	0.86092	0.16330	0.32205	-1.0000
-127	8.5560	0.89331	0.16944	0.33416	-1.0000
-137	8.5460	0.89227	0.16924	0.33377	-1.0000
-142	8.5761	0.89540	0.16984	0.33494	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	7.6204	0.79562	0.15091	0.29762	0.31900
112	9.6917	1.0119	0.19193	0.37852	0.34000
122	8.2458	0.86092	0.16330	0.32205	0.38600
127	8.5560	0.89331	0.16944	0.33416	0.43200
137	8.5460	0.89227	0.16924	0.33377	0.47800
142	8.5761	0.89540	0.16984	0.33494	0.52200
152	9.6917	1.0119	0.19193	0.37852	0.56300
157	8.7662	0.91525	0.17360	0.34237	0.60500

>ADDITIONAL PRESSURE RATIOS , EJECTOR FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	9.6917	1.0119	0.19193	0.37852	-1.0000
-157	8.7662	0.91525	0.17360	0.34237	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	6.5494	0.68380	0.12970	0.25579	0.79300
172	9.4616	0.98785	0.18738	0.36953	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	8.7912	0.91786	0.17410	0.34335	0.79300
187	9.7117	1.0140	0.19233	0.37930	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/08/79 04:26:51.482 FAC 8X6X1 PGM C034 RDG 2174

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.643	1.3120	0.21820	0.42755	0.43400
37	6.8153	0.71286	0.11856	0.23231	0.53300
47	8.4115	0.87982	0.14633	0.28672	0.63100
52	9.6773	1.0122	0.16835	0.32987	0.72960

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
67	9.8023	1.0253	0.17052	0.33413	0.42200
67	13.423	1.4040	0.23352	0.45755	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	44.285	4.6300	0.77005	1.5089	0.56400
82	27.742	2.9017	0.48261	0.94564	0.63500
92	9.7173	1.0154	0.16887	0.33089	0.89200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	7.5809	0.79294	0.13188	0.25841	-1.0000
-112	9.6873	1.0133	0.16852	0.33021	-1.0000
-122	8.1914	0.85680	0.14250	0.27922	-1.0000
-127	8.4966	0.88872	0.14781	0.28962	-1.0000
-137	8.4866	0.88767	0.14764	0.28928	-1.0000
-142	8.4816	0.88715	0.14755	0.28911	-1.0000

>ADDITIONAL PRESSURE RATIOS , PRIMARY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	7.5809	0.79294	0.13188	0.25841	0.31900
112	9.6873	1.0133	0.16852	0.33021	0.34000
122	8.1914	0.85680	0.14250	0.27922	0.38600
127	8.4966	0.88872	0.14781	0.28962	0.43200
137	8.4866	0.88767	0.14764	0.28928	0.47800
142	8.4816	0.88715	0.14755	0.28911	0.52200
152	9.6823	1.0127	0.16844	0.33004	0.56300
157	8.7167	0.91174	0.15164	0.29713	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	9.6823	1.0127	0.16844	0.33004	-1.0000
-157	8.7167	0.91174	0.15164	0.29713	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	6.4600	0.67569	0.11238	0.22020	0.79300
172	9.4321	0.98657	0.16408	0.32151	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	8.8568	0.92640	0.15408	0.30190	0.79300
187	9.7773	1.0227	0.17009	0.33328	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

129

RUN 44

P&SA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:28:39.087 FAC 8X6X1 PGM C034 RDG 2175

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.538	1.5202	0.21645	0.42674	0.43400
37	7.2369	0.75665	0.11730	0.23127	0.53300
47	9.7771	1.0188	0.14506	0.28601	0.63100
52	9.7771	1.0136	0.14432	0.28454	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.423	1.1903	0.16948	0.33415	0.42200
67	13.328	1.3889	0.19775	0.38988	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	1.0865	0.11322	0.016120	0.031782	0.56400
82	32.340	3.3700	0.47983	0.94603	0.63500
92	9.7321	1.0141	0.14440	0.28469	0.69200

>ADDITIONAL PRESSURE RATIOS , FAIRING SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	7.5306	0.78474	0.11173	0.22029	-1.0000
-112	9.7070	1.0115	0.14402	0.28396	-1.0000
-122	8.1411	0.84836	0.12079	0.23815	-1.0000
-127	8.4313	0.87860	0.12510	0.24664	-1.0000
-137	8.3663	0.87182	0.12413	0.24474	-1.0000
-142	8.3512	0.87026	0.12391	0.24430	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	7.5306	0.78474	0.11173	0.22029	0.31900
112	9.7070	1.0115	0.14402	0.28396	0.34000
122	8.1411	0.84836	0.12079	0.23815	0.38600
127	8.4313	0.87860	0.12510	0.24664	0.43200
137	8.3663	0.87182	0.12413	0.24474	0.47800
142	8.3512	0.87026	0.12391	0.24430	0.52200
152	9.6920	1.0100	0.14380	0.28352	0.56300
157	8.6164	0.89789	0.12784	0.25206	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	9.6920	1.0100	0.14380	0.28352	-1.0000
-157	8.6164	0.89789	0.12784	0.25206	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	6.3696	0.66375	0.094506	0.18633	0.79300
172	9.4319	0.98287	0.13994	0.27591	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.0767	0.94585	0.13467	0.26552	0.79300
187	9.3672	1.0386	0.14788	0.29157	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

130

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/08/79 04:29:38.343 FAC 8X6X1 PGM C034 PDG 2176

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.178	1.5253	0.21696	0.42649	0.43400
37	7.6869	0.82696	0.11763	0.23123	0.53300
47	9.5113	1.0232	0.14555	0.28611	0.63100
52	9.4113	1.0125	0.14402	0.28311	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.080	1.1920	0.16956	0.33332	0.42200
67	13.284	1.4291	0.20328	0.39959	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	49.520	5.3275	0.75779	1.4897	0.56400
82	31.342	3.3718	0.47961	0.94282	0.63500
87	9.4563	1.0173	0.14471	0.28446	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR THROAT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.9519	0.74790	0.10638	0.20913	-1.0000
-112	9.4363	1.0152	0.14440	0.28386	-1.0000
-122	7.5219	0.80921	0.11510	0.22627	-1.0000
-127	7.8468	0.84417	0.12008	0.23604	-1.0000
-132	7.8768	0.84740	0.12054	0.23695	-1.0000
-142	7.9068	0.85062	0.12099	0.23785	-1.0000

>ADDITIONAL PRESSURE RATIOS , TURBINE INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.9519	0.74790	0.10638	0.20913	0.31900
112	9.4363	1.0152	0.14440	0.28386	0.34000
122	7.5219	0.80921	0.11510	0.22627	0.38600
127	7.8468	0.84417	0.12008	0.23604	0.43200
132	7.8768	0.84740	0.12054	0.23695	0.47800
142	7.9068	0.85062	0.12099	0.23785	0.52200
152	9.4563	1.0173	0.14471	0.28446	0.56300
157	8.2167	0.88396	0.12574	0.24717	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAN

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	9.4563	1.0173	0.14471	0.28446	-1.0000
-157	8.2167	0.88396	0.12574	0.24717	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWITCH LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	6.1319	0.65968	0.093835	0.18446	0.79300
177	9.1264	0.98183	0.13966	0.27454	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	8.8165	3.94849	0.13492	0.26522	0.79300
187	9.6717	1.0404	0.14799	0.29092	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:35:53.702 FAC 8X6X1 PGM C034 RDG 2177

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.535	1.5267	0.21695	0.42727	0.43400
37	7.8885	0.82917	0.11783	0.23205	0.53300
47	9.7490	1.0247	0.14550	0.28734	0.63100
52	9.6180	1.0110	0.14366	0.28293	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.347	1.1927	0.16949	0.33379	0.42200
67	13.016	1.3681	0.19442	0.38289	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	0.46920	0.049318	0.0070083	0.013802	0.56400
82	32.036	3.3673	0.47851	0.94238	0.63500
92	9.6430	1.0136	0.14404	0.28366	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	7.3935	0.77715	0.11044	0.21749	-1.0000
-112	9.6180	1.0110	0.14366	0.28293	-1.0000
-122	7.9935	0.84021	0.11940	0.23514	-1.0000
-127	8.2934	0.87174	0.12388	0.24396	-1.0000
-137	8.2384	0.86596	0.12306	0.24235	-1.0000
-142	8.2384	0.86596	0.12306	0.24235	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	7.3935	0.77715	0.11044	0.21749	0.31900
112	9.6180	1.0110	0.14366	0.28293	0.34000
122	7.9935	0.84021	0.11940	0.23514	0.38600
127	8.2934	0.87174	0.12388	0.24396	0.43200
137	8.2384	0.86596	0.12306	0.24235	0.47800
142	8.2384	0.86596	0.12306	0.24235	0.52200
152	9.6180	1.0110	0.14366	0.28293	0.56300
157	8.5334	0.89696	0.12746	0.25102	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	9.6180	1.0110	0.14366	0.28293	-1.0000
-157	8.5334	0.89696	0.12746	0.25102	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	6.2735	0.65942	0.093705	0.18454	0.79300
172	9.3481	0.98260	0.13963	0.27499	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	8.9783	0.94372	0.13411	0.26411	0.79300
187	9.9926	1.0308	0.14782	0.29072	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REF 11/08/79 04:37:11.682 FAC 8X6X1 PGM C034 RDG 2178

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.516	1.3150	0.21869	0.42790	0.43400
37	6.7905	0.71341	0.11865	0.23215	0.53300
47	8.4212	0.88473	0.14714	0.28790	0.63100
52	9.6265	1.0114	0.16820	0.32911	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.7765	1.0271	0.17082	0.33423	0.42200
67	12.956	1.3612	0.22638	0.44294	0.64200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	43.259	4.5448	0.75583	1.4789	0.56400
82	27.445	2.8834	0.47953	0.93828	0.63500
92	9.6615	1.0150	0.16881	0.33030	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	7.5009	0.78804	0.13106	0.25644	-1.0000
-112	9.6415	1.0129	0.16846	0.32962	-1.0000
-122	8.1111	0.85215	0.14172	0.27730	-1.0000
-127	8.4212	0.88473	0.14714	0.28790	-1.0000
-137	8.4012	0.88263	0.14679	0.28722	-1.0000
-147	8.3912	0.88158	0.14661	0.28687	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	7.5009	0.78804	0.13106	0.25644	0.31900
112	9.6415	1.0129	0.16846	0.32962	0.34000
122	8.1111	0.85215	0.14172	0.27730	0.38600
127	8.4212	0.88473	0.14714	0.28790	0.43200
137	8.4012	0.88263	0.14679	0.28722	0.47800
147	8.3912	0.88158	0.14661	0.28687	0.52200
152	9.6415	1.0129	0.16846	0.32962	0.56300
157	8.6513	0.90890	0.15116	0.29577	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	9.6415	1.0129	0.16846	0.32962	-1.0000
-157	8.6513	0.90890	0.15116	0.29577	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPOILER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	6.4033	0.67241	0.11183	0.21881	0.79300
172	8.3364	0.89298	0.16348	0.31987	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPOILER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	8.8413	0.92887	0.15448	0.30226	0.79300
187	9.7365	1.0229	0.17017	0.33287	0.84400

SECTION 6 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:38:31.270 FAC 8X6X1 PGM C034 PDG 2179

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	10.949	1.1401	0.21574	0.42598	0.43400
37	5.8969	0.61969	0.11726	0.23154	0.53300
47	7.3979	0.76796	0.14532	0.28694	0.63100
52	9.6138	1.0103	0.19118	0.37748	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	8.4934	0.89254	0.16890	0.33349	0.42200
67	12.974	1.3529	0.25601	0.50549	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	38.122	4.0061	0.75808	1.4968	0.56400
82	24.115	2.5341	0.47954	0.94686	0.63500
92	9.6438	1.0134	0.19177	0.37866	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	7.5280	0.79109	0.14970	0.29559	-1.0000
-113	9.6238	1.0113	0.19138	0.37788	-1.0000
-122	8.1433	0.85575	0.16194	0.31975	-1.0000
-127	8.4484	0.88781	0.16800	0.33173	-1.0000
-137	8.4334	0.88624	0.16770	0.33114	-1.0000
-142	8.4434	0.88729	0.16790	0.33153	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	7.5280	0.79109	0.14970	0.29559	0.31900
112	9.6238	1.0113	0.19138	0.37788	0.34000
122	8.1433	0.85575	0.16194	0.31975	0.38600
127	8.4484	0.88781	0.16800	0.33173	0.43200
137	8.4334	0.88624	0.16770	0.33114	0.47800
142	8.4434	0.88729	0.16790	0.33153	0.52200
152	9.6188	1.0108	0.19128	0.37768	0.56300
157	8.6685	0.91094	0.17238	0.34037	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	9.6188	1.0108	0.19128	0.37768	-1.0000
-157	8.6685	0.91094	0.17238	0.34037	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	6.4273	0.67542	0.12781	0.25237	0.79300
172	9.3497	0.98190	0.18581	0.36688	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	8.7185	0.91620	0.17337	0.34233	0.79300
187	9.6388	1.0129	0.19167	0.37847	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:39:31.947 FAC 9X6X1 PGM C034 RDG 2180

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	5.2619	0.97345	0.21532	0.42706	0.43400
37	5.7282	0.52852	0.11691	0.23187	0.53300
47	6.2443	0.65635	0.14518	0.28795	0.63100
52	9.6361	1.0067	0.22334	0.44297	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	7.2650	0.76312	0.16880	0.33479	0.42200
67	12.811	1.3466	0.29787	0.59078	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	32.634	3.4302	0.75874	1.5049	0.56400
82	20.619	2.1673	0.47940	0.95082	0.63500
92	9.6461	1.0139	0.22427	0.44482	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SURGUS

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	7.5902	0.79783	0.17647	0.35002	-1.0000
-112	9.6161	1.0108	0.22358	0.44344	-1.0000
-122	8.2035	0.86198	0.19066	0.37816	-1.0000
-127	8.4707	0.89037	0.19694	0.39062	-1.0000
-132	8.4607	0.88932	0.19671	0.39015	-1.0000
-142	8.4757	0.89090	0.19706	0.39085	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	7.5902	0.79783	0.17647	0.35002	0.31900
112	9.6161	1.0108	0.22358	0.44344	0.34000
122	8.2035	0.86198	0.19066	0.37816	0.38600
127	8.4707	0.89037	0.19694	0.39062	0.43200
132	8.4607	0.88932	0.19671	0.39015	0.47800
142	8.4757	0.89090	0.19706	0.39085	0.52200
152	9.6161	1.0108	0.22358	0.44344	0.56300
157	8.5958	0.91404	0.20218	0.40100	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	9.6161	1.0108	0.22358	0.44344	-1.0000
-157	8.5958	0.91404	0.20218	0.40100	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWIRVEL LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	6.5095	0.68423	0.15135	0.30018	0.79300
172	9.3610	0.98396	0.21764	0.43167	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWIRVEL LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	8.7108	0.91561	0.20253	0.40169	0.79300
187	9.5771	1.0066	0.22265	0.44156	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

135

ORIGINAL PAGE IS POOR QUALITY

RUN 44

MASS-FLOWS PRELIMINARY DATA 06/21/79 CADDELL REF 11/08/79 04:40:40.952 FAC 8X6X1 PGM C034 ROG 2181

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.3454	1.77307	0.21607	0.42632	0.43400
37	8.5213	0.89683	0.25414	0.49457	0.53300
47	8.4343	0.89314	0.25309	0.49254	0.63100
52	9.6119	1.0136	0.28666	0.55787	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.8090	0.61136	0.17324	0.33715	0.42200
67	12.738	1.3406	0.37989	0.73930	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.612	2.6965	0.76384	1.4865	0.56400
82	16.963	1.6005	0.47906	0.93228	0.63500
87	8.4419	1.0148	0.28756	0.55961	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.6307	0.80309	0.22758	0.44288	-1.0000
-112	9.6169	1.0121	0.28681	0.55816	-1.0000
-122	8.2311	0.86629	0.24548	0.47773	-1.0000
-127	8.5313	0.89788	0.25444	0.49515	-1.0000
-132	8.5263	0.89735	0.25429	0.49486	-1.0000
-142	8.5463	0.89946	0.25488	0.49602	-1.0000

>ADDITIONAL PRESSURE RATIOS , EJECTOR INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.6307	0.80309	0.22758	0.44288	0.31900
112	9.6169	1.0121	0.28681	0.55816	0.34000
122	8.2311	0.86629	0.24548	0.47773	0.38600
127	8.5313	0.89788	0.25444	0.49515	0.43200
132	8.5263	0.89735	0.25429	0.49486	0.47800
142	8.5463	0.89946	0.25488	0.49602	0.52200
152	9.6169	1.0121	0.28681	0.55816	0.56300
162	8.7314	0.91789	0.26011	0.50619	0.60600

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	9.6169	1.0121	0.28681	0.55816	-1.0000
-157	8.7314	0.91789	0.26011	0.50619	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	6.5547	0.68985	0.19549	0.38043	0.79300
172	9.3918	0.98844	0.28010	0.54509	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	8.6314	0.91368	0.25891	0.50386	0.79300
187	9.5519	1.0042	0.28457	0.55380	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

136

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT PEC 11/08/79 04:44:08.696 FAC RX6X1 PGM C034 RDG 2182

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.3614	0.77374	0.21524	0.42661	0.43400
37	8.5111	0.89458	0.25348	0.49324	0.52300
47	8.4862	0.89196	0.25273	0.49180	0.63100
52	9.6207	1.0112	0.28652	0.55755	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.8114	0.61082	0.17307	0.33678	0.42200
67	12.574	1.3216	0.37447	0.72869	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.720	2.7034	0.76599	1.4906	0.56400
82	16.081	1.6902	0.47891	0.93191	0.63500
92	9.6407	1.0133	0.28712	0.55871	0.69200

>ADDITIONAL PRESSURE RATIOS , FJETAP SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.6014	0.79896	0.22638	0.44052	-1.0000
-112	9.6207	1.0112	0.28652	0.55755	-1.0000
-122	8.2112	0.86306	0.24455	0.47586	-1.0000
-127	8.5311	0.89669	0.25407	0.49440	-1.0000
-137	8.5311	0.89669	0.25407	0.49440	-1.0000
-142	8.5661	0.93036	0.25511	0.49643	-1.0000

>ADDITIONAL PRESSURE RATIOS , FDPERIPH INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.6014	0.79896	0.22638	0.44052	0.31900
112	9.6207	1.0112	0.28652	0.55755	0.34000
122	8.2112	0.86306	0.24455	0.47586	0.38600
127	8.5311	0.89669	0.25407	0.49440	0.43200
137	8.5311	0.89669	0.25407	0.49440	0.47800
142	8.5661	0.93036	0.25511	0.49643	0.52200
152	9.6207	1.0112	0.28652	0.55755	0.56300
157	8.7311	0.91770	0.26003	0.50599	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PTAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	9.6207	1.0112	0.28652	0.55755	-1.0000
-157	8.7311	0.91770	0.26003	0.50599	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	6.6114	0.69491	0.19690	0.38315	0.79300
172	9.3758	0.98557	0.27982	0.54453	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	8.6661	0.91087	0.25809	0.50222	0.79300
187	9.5458	1.0033	0.28429	0.55330	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/08/79 04:45:23.642 FAC 8X6X1 PGM C034 RDG 2183

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	9.3169	1.07813	0.21603	0.42681	0.43400
37	5.1743	0.53272	0.11766	0.23245	0.53300
47	6.2903	0.65934	0.14562	0.28770	0.63100
52	9.6220	1.0102	0.22310	0.44079	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	7.3110	0.76755	0.16952	0.33492	0.42200
67	12.512	1.3136	0.29013	0.57319	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	33.390	3.5054	0.77420	1.5296	0.56400
82	20.719	2.1752	0.48042	0.94917	0.63500
92	9.4570	1.0138	0.22391	0.44239	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	7.5912	0.79696	0.17602	0.34776	-1.0000
-112	9.6370	1.0117	0.22345	0.44147	-1.0000
-122	8.1965	0.86051	0.19005	0.37549	-1.0000
-127	8.4966	0.89202	0.19701	0.38923	-1.0000
-137	8.4816	0.89044	0.19666	0.38855	-1.0000
-142	8.5066	0.89307	0.19724	0.38969	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	7.5912	0.79696	0.17602	0.34776	0.31900
112	9.6370	1.0117	0.22345	0.44147	0.34000
122	8.1965	0.86051	0.19005	0.37549	0.38600
127	8.4966	0.89202	0.19701	0.38923	0.43200
137	8.4816	0.89044	0.19666	0.38855	0.47800
142	8.5066	0.89307	0.19724	0.38969	0.52200
152	9.6323	1.0112	0.22334	0.44125	0.56300
157	8.7067	0.91407	0.20188	0.39886	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	9.6323	1.0112	0.22334	0.44125	-1.0000
-157	8.7067	0.91407	0.20188	0.39886	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	6.5305	0.68561	0.15142	0.29917	0.79300
172	9.3919	0.98601	0.21777	0.43025	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	8.7317	0.91670	0.20246	0.40000	0.79300
187	9.5930	1.0070	0.22241	0.43941	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFIT REC 11/08/79 04:50:27.247 FAC 8X6X1 PGM CQ34 RDG 2184

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	7.8699	0.77342	0.21866	0.42612	0.43400
37	9.6143	0.94481	0.26712	0.52055	0.53300
47	9.7989	0.96298	0.27225	0.53056	0.63100
52	10.274	1.0096	0.28544	0.55626	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	6.2354	0.70983	0.17241	0.33599	0.42200
67	12.342	1.2129	0.34290	0.66824	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	27.628	2.7152	0.76763	1.4959	0.56400
82	17.226	1.6929	0.47861	0.93271	0.63500
92	10.294	1.0116	0.28600	0.55734	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.9744	0.88196	0.24935	0.48592	-1.0000
-112	10.284	1.0106	0.28572	0.55680	-1.0000
-122	9.3492	0.91879	0.25976	0.50621	-1.0000
-127	9.5490	0.93843	0.26531	0.51703	-1.0000
-137	9.5640	0.93990	0.26573	0.51784	-1.0000
-142	9.5790	0.94138	0.26614	0.51866	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.9744	0.88196	0.24935	0.48592	0.31900
112	10.284	1.0106	0.28572	0.55680	0.34000
122	9.3492	0.91879	0.25976	0.50621	0.38600
127	9.5490	0.93843	0.26531	0.51703	0.43200
137	9.5640	0.93990	0.26573	0.51784	0.47800
142	9.5790	0.94138	0.26614	0.51866	0.52200
152	10.279	1.0101	0.28558	0.55653	0.56300
157	9.7989	0.96298	0.27225	0.53056	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	10.279	1.0101	0.28558	0.55653	-1.0000
-157	9.7989	0.96298	0.27225	0.53056	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	9.6945	0.95347	0.24129	0.47023	0.79300
172	10.578	1.0327	0.29197	0.56898	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.4641	0.93008	0.96295	0.51243	0.79300
187	10.244	1.0067	0.28461	0.55464	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 44

PASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/08/79 04:52:09.406 FAC 8X6X1 PGM C034 RDG 2185

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.9249	0.97433	0.21538	0.42607	0.43400
37	5.3867	0.52879	0.11690	0.23125	0.53300
47	7.7911	0.76483	0.16908	0.33447	0.63100
52	10.270	1.0081	0.22286	0.44087	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.7761	0.76336	0.16875	0.33383	0.42200
67	12.268	1.2043	0.26623	0.52666	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	35.601	3.4948	0.77257	1.5283	0.56400
82	22.555	2.1661	0.47884	0.94726	0.63500
92	10.395	1.0116	0.22362	0.44237	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.9156	0.87521	0.19348	0.38274	-1.0000
-112	10.295	1.0106	0.22340	0.44195	-1.0000
-122	9.3453	0.91740	0.20280	0.40119	-1.0000
-127	9.5452	0.93702	0.20714	0.40977	-1.0000
-137	9.5352	0.93604	0.20692	0.40934	-1.0000
-142	9.5901	0.94143	0.20812	0.41170	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.9156	0.87521	0.19348	0.38274	0.31900
112	10.295	1.0106	0.22340	0.44195	0.34000
122	9.3453	0.91740	0.20280	0.40119	0.38600
127	9.5452	0.93702	0.20714	0.40977	0.43200
137	9.5352	0.93604	0.20692	0.40934	0.47800
142	9.5901	0.94143	0.20812	0.41170	0.52200
152	10.295	1.0106	0.22340	0.44195	0.56300
157	9.7800	0.96007	0.21224	0.41985	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.295	1.0106	0.22340	0.44195	-1.0000
-157	9.7800	0.96007	0.21224	0.41985	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.5658	0.84087	0.18589	0.36773	0.79300
172	10.479	1.0287	0.22742	0.44988	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.4852	0.93113	0.20584	0.40720	0.79300
187	10.265	1.0076	0.22275	0.44066	0.84400

>SECTION 5 , MEASURED INLET PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL PEC 11/08/79 04:52:18.103 FAC 8X6X1 PGM C034 RDG 2186

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.461	1.1438	0.21709	0.42786	0.43400
37	6.3233	0.62026	0.11773	0.23202	0.53300
42	7.8383	0.76589	0.14537	0.28659	0.63100
52	10.282	1.0085	0.19142	0.37727	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.0874	0.89139	0.16919	0.33345	0.42200
67	12.225	1.1992	0.22760	0.44858	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	41.360	4.0570	0.77003	1.5176	0.56400
82	25.724	2.5233	0.47892	0.94389	0.63500
92	10.312	1.0115	0.19198	0.37837	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.8325	0.86639	0.16444	0.32409	-1.0000
-112	10.297	1.0100	0.19170	0.37782	-1.0000
-122	9.2973	0.91198	0.17309	0.34115	-1.0000
-127	9.5322	0.93501	0.17747	0.34976	-1.0000
-137	9.5272	0.93452	0.17737	0.34958	-1.0000
-142	9.5721	0.93894	0.17821	0.35123	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.8325	0.86639	0.16444	0.32409	0.31900
112	10.297	1.0100	0.19170	0.37782	0.34000
122	9.2973	0.91198	0.17309	0.34115	0.38600
127	9.5322	0.93501	0.17747	0.34976	0.43200
137	9.5272	0.93452	0.17737	0.34958	0.47800
142	9.5721	0.93894	0.17821	0.35123	0.52200
152	10.297	1.0100	0.19170	0.37782	0.56300
157	9.7673	0.95805	0.18184	0.35838	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	10.297	1.0100	0.19170	0.37782	-1.0000
-157	9.7673	0.95805	0.18184	0.35838	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.4437	0.82815	0.15718	0.30979	0.79300
172	10.442	1.0241	0.19514	0.38460	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.5571	0.93747	0.17793	0.35068	0.79300
187	10.322	1.0125	0.19217	0.37873	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 04:54:07.097 FAC 8X6X1 PGM C034 RDG 2187

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.437	1.3194	0.21817	0.42712	0.43400
37	7.2254	0.71634	0.11845	0.23189	0.53300
47	9.3134	0.88505	0.14635	0.28651	0.63100
52	10.287	1.0101	0.16702	0.32698	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.482	1.0292	0.17018	0.33317	0.42200
67	12.199	1.1978	0.19807	0.38776	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.137	4.6295	0.76485	1.4974	0.56400
82	29.499	2.8965	0.47895	0.93765	0.63500
92	10.302	1.0116	0.16727	0.32746	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.8188	0.86592	0.14318	0.28032	-1.0000
-112	10.287	1.0101	0.16702	0.32698	-1.0000
-122	9.2732	0.91055	0.15056	0.29476	-1.0000
-127	9.5229	0.93506	0.15462	0.30270	-1.0000
-137	9.5229	0.93506	0.15462	0.30270	-1.0000
-142	9.5679	0.93948	0.15535	0.30413	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.8188	0.86592	0.14318	0.28032	0.31900
112	10.287	1.0101	0.16702	0.32698	0.34000
122	9.2732	0.91055	0.15056	0.29476	0.38600
127	9.5229	0.93506	0.15462	0.30270	0.43200
137	9.5229	0.93506	0.15462	0.30270	0.47800
142	9.5679	0.93948	0.15535	0.30413	0.52200
152	10.287	1.0101	0.16702	0.32698	0.56300
157	9.7477	0.95713	0.15827	0.30984	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.287	1.0101	0.16702	0.32698	-1.0000
-157	9.7477	0.95713	0.15827	0.30984	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.2694	0.81198	0.13426	0.26285	0.79300
172	10.397	1.0209	0.16881	0.33047	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.4883	0.93163	0.15405	0.30159	0.79300
187	10.317	1.0130	0.16751	0.32793	0.84400

>VERTICAL S , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII RUN 11/08/79 04:55:21.047 SAC 8X6X1 PGM C034 RDG 2198

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	15.463	1.5198	0.21560	0.42732	0.43400
37	8.3787	0.82356	0.11682	0.23154	0.53300
47	10.363	1.0178	0.14446	0.28637	0.63100
52	10.293	1.0110	0.14337	0.28416	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	12.141	1.1925	0.16929	0.33563	0.42200
67	12.186	1.1970	0.16991	0.33677	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	4.2537	0.41780	0.059309	0.11755	0.56400
82	34.313	3.3702	0.47842	0.94822	0.63500
87	10.299	1.0115	0.14358	0.28458	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.7586	0.86027	0.12212	0.24204	-1.0000
-112	10.288	1.0105	0.14344	0.28430	-1.0000
-122	9.2434	0.90789	0.12888	0.25544	-1.0000
-127	9.4883	0.93194	0.13229	0.26221	-1.0000
-132	9.4982	0.93292	0.13243	0.26248	-1.0000
-142	9.5432	0.93734	0.13306	0.26372	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.7586	0.86027	0.12212	0.24204	0.31900
112	10.288	1.0105	0.14344	0.28430	0.34000
122	9.2434	0.90789	0.12888	0.25544	0.38600
127	9.4883	0.93194	0.13229	0.26221	0.43200
132	9.4982	0.93292	0.13243	0.26248	0.47800
142	9.5432	0.93734	0.13306	0.26372	0.52200
152	10.293	1.0110	0.14351	0.28444	0.56300
157	9.7131	0.95403	0.13543	0.26842	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	10.293	1.0110	0.14351	0.28444	-1.0000
-157	9.7131	0.95403	0.13543	0.26842	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPIGOT LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.2238	0.80774	0.11466	0.22726	0.79300
172	10.349	1.0164	0.14428	0.28598	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPIGOT LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	8.8481	0.86928	0.12731	0.25215	0.79300
187	10.633	1.0444	0.14783	0.29300	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/08/79 04:59:06.188 FAC 8X6X1 PGM C034 RDG 2190

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	15.525	1.5232	0.21605	0.42705	0.43400
37	8.4427	0.82836	0.11749	0.23224	0.53300
47	10.441	1.0244	0.14530	0.28721	0.63100
52	10.301	1.0107	0.14336	0.28336	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	12.129	1.1901	0.16880	0.33365	0.42200
67	12.134	1.1906	0.16887	0.33378	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	4.0241	0.39483	0.056003	0.11070	0.56400
82	34.367	3.3720	0.47828	0.94537	0.63500
92	10.316	1.0122	0.14357	0.28377	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SURFACE

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	8.7325	0.85680	0.12153	0.24021	-1.0000
-112	10.296	1.0102	0.14329	0.28322	-1.0000
-122	9.2121	0.90386	0.12820	0.25340	-1.0000
-127	9.4868	0.93082	0.13203	0.26096	-1.0000
-137	9.5168	0.93376	0.13244	0.26179	-1.0000
-143	9.5568	0.93768	0.13300	0.26289	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	8.7325	0.85680	0.12153	0.24021	0.31900
112	10.296	1.0102	0.14329	0.28322	0.34000
122	9.2121	0.90386	0.12820	0.25340	0.38600
127	9.4868	0.93082	0.13203	0.26096	0.43200
137	9.5168	0.93376	0.13244	0.26179	0.47800
142	9.5568	0.93768	0.13300	0.26289	0.52200
152	10.301	1.0107	0.14336	0.28336	0.56300
157	8.7216	0.85585	0.13529	0.26742	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLOW

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-152	10.301	1.0107	0.14336	0.28336	-1.0000
-157	8.7216	0.85585	0.13529	0.26742	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWIRLER LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	8.2128	0.80581	0.11430	0.22592	0.79300
172	10.341	1.0146	0.14391	0.28446	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SWIRLER LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	8.7916	0.86271	0.13627	0.26935	0.79300
187	10.716	1.0416	0.14774	0.29203	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:11:05.872 FAC 8X6X1 PGM C034 RDG 2191

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.442	1.3200	0.21754	0.42659	0.43400
37	7.3326	0.71710	0.11818	0.23175	0.53300
47	9.3565	0.89933	0.14657	0.28741	0.63100
52	10.290	1.0105	0.16654	0.32657	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.495	1.0306	0.16985	0.33307	0.42200
67	12.084	1.1866	0.19556	0.38348	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	46.489	4.5652	0.75238	1.4754	0.56400
82	29.575	2.9042	0.47864	0.93858	0.63500
92	10.310	1.0125	0.16686	0.32720	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.8216	0.86627	0.14277	0.27996	-1.0000
-112	10.303	1.0115	0.16670	0.32689	-1.0000
-122	9.2463	0.90797	0.14964	0.29344	-1.0000
-127	9.5261	0.93545	0.15417	0.30231	-1.0000
-137	9.5461	0.93741	0.15449	0.30295	-1.0000
-142	9.5710	0.93986	0.15490	0.30374	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.8216	0.86627	0.14277	0.27996	0.31900
112	10.303	1.0115	0.16670	0.32689	0.34000
122	9.2463	0.90797	0.14964	0.29344	0.38600
127	9.5261	0.93545	0.15417	0.30231	0.43200
137	9.5461	0.93741	0.15449	0.30295	0.47800
142	9.5713	0.93986	0.15490	0.30374	0.52200
152	10.330	1.0115	0.16670	0.32689	0.56300
157	9.7509	0.95752	0.15781	0.30945	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.330	1.0115	0.16670	0.32689	-1.0000
-157	9.7509	0.95752	0.15781	0.30945	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	8.2970	0.81377	0.13412	0.26299	0.79300
177	10.495	1.0218	0.16840	0.33022	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.4761	0.93054	0.15336	0.30073	0.79300
187	10.325	1.0139	0.16711	0.32768	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDF11 REC 11/08/79 05:22:12.443 FAC 8X6X1 PGM C034 PDG 2192

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.662	1.1448	0.21686	0.42715	0.43400
37	6.3371	0.62206	0.11784	0.23210	0.53300
42	7.4525	0.73084	0.14602	0.28721	0.63100
52	10.288	1.0099	0.19130	0.37680	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.1127	0.89454	0.16945	0.33377	0.42200
67	12.052	1.1831	0.22411	0.44143	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	40.643	3.9897	0.75576	1.4886	0.56400
82	25.734	2.5262	0.47853	0.94255	0.63500
92	10.318	1.0128	0.19186	0.3,790	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.8577	0.86951	0.16471	0.32443	-1.0000
-112	10.303	1.0114	0.19158	0.37735	-1.0000
-122	9.3127	0.91418	0.17317	0.34109	-1.0000
-127	9.5477	0.93724	0.17754	0.34970	-1.0000
-137	9.5427	0.93675	0.17745	0.34952	-1.0000
-142	9.5877	0.94117	0.17828	0.35116	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.8577	0.86951	0.16471	0.32443	0.31900
112	10.303	1.0114	0.19158	0.37735	0.34000
122	9.3127	0.91418	0.17317	0.34109	0.38600
127	9.5477	0.93724	0.17754	0.34970	0.43200
137	9.5427	0.93675	0.17745	0.34952	0.47800
142	9.5877	0.94117	0.17828	0.35116	0.52200
152	10.303	1.0114	0.19158	0.37735	0.56300
157	9.7727	0.95933	0.18172	0.35794	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	10.303	1.0114	0.19158	0.37735	-1.0000
-157	9.7727	0.95933	0.18172	0.35794	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.4126	0.82582	0.15643	0.30813	0.79300
172	10.443	1.0250	0.19492	0.38394	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.5527	0.93774	0.17763	0.34988	0.79300
187	10.328	1.0138	0.19204	0.37827	0.84400

>SELECTED MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/08/79 05:03:05.296 FAC 8X6X1 PGM C034 RDG 2193

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	9.9359	0.97421	0.21523	0.42724	0.43400
37	5.3979	0.52926	0.11693	0.23211	0.53300
47	7.8422	0.76893	0.16988	0.33721	0.63100
52	10.291	1.0090	0.22293	0.44249	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	7.7472	0.76354	0.18869	0.33485	0.42200
67	12.099	1.1775	0.26014	0.51638	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	34.830	3.4349	0.75667	1.5020	0.56400
82	22.116	2.1684	0.47908	0.95097	0.63500
87	10.321	1.0119	0.22357	0.44378	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.8666	0.86937	0.19207	0.38126	-1.0000
-112	10.306	1.0105	0.22324	0.44314	-1.0000
-122	9.3213	0.91396	0.20192	0.40081	-1.0000
-127	9.5661	0.93796	0.20722	0.41134	-1.0000
-137	9.5661	0.93796	0.20722	0.41134	-1.0000
-142	9.5961	0.94090	0.20787	0.41263	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.8666	0.86937	0.19207	0.38126	0.31900
112	10.306	1.0105	0.22324	0.44314	0.34000
122	9.3213	0.91396	0.20192	0.40081	0.38600
127	9.5661	0.93796	0.20722	0.41134	0.43200
137	9.5661	0.93796	0.20722	0.41134	0.47800
142	9.5961	0.94090	0.20747	0.41263	0.52200
152	10.311	1.0110	0.22335	0.44335	0.56300
157	9.7713	0.95805	0.21166	0.42015	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	10.311	1.0110	0.22335	0.44335	-1.0000
-157	9.7713	0.95805	0.21166	0.42015	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	8.5768	0.84096	0.18579	0.36880	0.79300
172	10.535	1.0331	0.22757	0.45173	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.4962	0.93113	0.20571	0.40833	0.79300
187	10.791	1.0580	0.23797	0.44249	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:04:29.813 FAC 8X6X1 PGM C034 ROG 2194

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	7.8615	0.77130	0.21891	0.42671	0.43400
37	9.6353	0.94532	0.26830	0.52298	0.53300
47	9.9251	0.96395	0.27359	0.53329	0.63100
52	10.290	1.0095	0.28652	0.55851	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	6.1973	0.60802	0.17257	0.33638	0.42200
67	11.953	1.1727	0.33284	0.64879	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	27.182	2.6668	0.75690	1.4754	0.56400
82	17.171	1.6847	0.47814	0.93202	0.63500
92	10.310	1.0115	0.28708	0.55959	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.9458	0.87768	0.24910	0.48556	-1.0000
-112	10.305	1.0110	0.28694	0.55932	-1.0000
-122	9.3505	0.91738	0.26037	0.50753	-1.0000
-127	9.5603	0.93797	0.26621	0.51892	-1.0000
-137	9.5553	0.93748	0.26607	0.51865	-1.0000
-142	9.5703	0.93895	0.26649	0.51946	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.9458	0.87768	0.24910	0.48556	0.31900
112	10.305	1.0110	0.28694	0.55932	0.34000
122	9.3505	0.91738	0.26037	0.50753	0.38600
127	9.5603	0.93797	0.26621	0.51892	0.43200
137	9.5553	0.93748	0.26607	0.51865	0.47800
142	9.5703	0.93895	0.26649	0.51946	0.52200
152	10.305	1.0110	0.28694	0.55932	0.56300
157	9.8151	0.96297	0.27331	0.53275	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	10.305	1.0110	0.28694	0.55932	-1.0000
-157	9.8151	0.96297	0.27331	0.53275	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	8.7439	0.85758	0.24340	0.47444	0.79300
172	10.539	1.0341	0.29320	0.57152	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.5603	0.93797	0.26621	0.51892	0.79300
187	10.250	1.0056	0.28541	0.55634	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:13:02.185 FAC AXGX1 PGM C034 RDG 2195

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.9483	0.76446	0.31564	0.42808	0.43400
37	11.456	0.96823	0.38160	0.55898	0.63300
47	12.113	1.0643	0.39025	0.56560	0.69100
52	11.683	1.0300	0.28490	0.56551	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.9672	0.60195	0.16081	0.33708	0.42200
67	11.899	1.0280	0.29001	0.57567	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	31.727	2.7411	0.77327	1.5349	0.56400
82	19.682	1.7005	0.47971	0.95223	0.63500
92	11.714	1.0112	0.28526	0.56624	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.394	0.89799	0.25333	0.50285	-1.0000
-112	11.694	1.0103	0.28502	0.56576	-1.0000
-122	11.074	0.95675	0.26990	0.53576	-1.0000
-127	11.364	0.98181	0.27697	0.54979	-1.0000
-137	11.434	0.98786	0.27868	0.55318	-1.0000
-142	11.449	0.98915	0.27905	0.55390	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.394	0.89799	0.25333	0.50285	0.31900
112	11.694	1.0103	0.28502	0.56576	0.34000
122	11.074	0.95675	0.26990	0.53576	0.38600
127	11.364	0.98181	0.27697	0.54979	0.43200
137	11.434	0.98786	0.27868	0.55318	0.47800
142	11.448	0.98915	0.27905	0.55390	0.52200
152	11.694	1.0103	0.28502	0.56576	0.56300
157	11.519	0.99520	0.28075	0.55729	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	11.694	1.0103	0.28502	0.56576	-1.0000
-157	11.519	0.99520	0.28075	0.55729	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.7997	0.84571	0.23858	0.47358	0.79300
172	12.374	1.0432	0.29428	0.58414	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.799	0.93212	0.26296	0.52197	0.79300
187	11.919	1.0288	0.29050	0.57684	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:14:17.483 FAC AX6X1 PGM C034 RDG 2196

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.401	0.99520	0.21702	0.42797	0.43400
37	6.1944	0.53528	0.11791	0.23253	0.53300
47	10.547	0.91139	0.20076	0.39591	0.63100
52	11.576	1.0089	0.22225	0.43829	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	8.9131	0.77021	0.16966	0.33458	0.42200
67	11.861	1.0249	0.22577	0.44522	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	40.530	3.5023	0.77148	1.5214	0.56400
82	25.203	2.1778	0.47973	0.94606	0.63500
92	11.736	1.0115	0.22282	0.43941	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	10.317	0.89153	0.19638	0.38728	-1.0000
-113	11.691	1.0102	0.22253	0.43885	-1.0000
-122	11.151	0.96362	0.21226	0.41860	-1.0000
-127	11.491	0.99523	0.21702	0.42797	-1.0000
-137	11.471	0.99125	0.21835	0.43060	-1.0000
-142	11.476	0.99168	0.21844	0.43079	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	10.317	0.89153	0.19638	0.38728	0.31900
113	11.691	1.0102	0.22253	0.43885	0.34000
122	11.151	0.96362	0.21226	0.41860	0.38600
127	11.491	0.99523	0.21702	0.42797	0.43200
137	11.471	0.99125	0.21835	0.43060	0.47800
142	11.476	0.99168	0.21844	0.43079	0.52200
152	11.701	1.0111	0.22272	0.43922	0.56300
157	11.536	0.99686	0.21959	0.43304	0.60600

>ADDITIONAL PRESSURE RATIOS , FAN BAFFLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	11.701	1.0111	0.22272	0.43922	-1.0000
-157	11.536	0.99686	0.21959	0.43304	-1.0000

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	9.7324	0.84629	0.18640	0.36759	0.79300
172	12.075	1.0435	0.22985	0.45329	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.991	0.94031	0.20713	0.40847	0.79300
187	11.930	1.0310	0.22710	0.44785	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

150

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:19:18.047 FAC 8X6X1 PGM C034 RDG 2197

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.427	1.1599	0.21871	0.42777	0.43400
37	7.2774	0.62899	0.11854	0.23184	0.53300
47	8.2065	0.72560	0.14638	0.28629	0.63100
52	11.694	1.0284	0.19032	0.37223	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.465	0.90324	0.17047	0.33340	0.42200
67	11.864	1.0240	0.19325	0.37796	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	47.115	4.0664	0.78744	1.5010	0.56400
82	29.412	2.5385	0.47909	0.93701	0.63500
92	11.709	1.0106	0.19073	0.37303	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.475	0.90410	0.17063	0.33372	-1.0000
-112	11.694	1.0093	0.19048	0.37255	-1.0000
-122	11.160	0.96317	0.18178	0.35552	-1.0000
-127	11.425	0.98602	0.18609	0.36396	-1.0000
-137	11.475	0.99033	0.18690	0.36555	-1.0000
-142	11.486	0.99163	0.18715	0.36603	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.475	0.90410	0.17063	0.33372	0.31900
112	11.694	1.0093	0.19048	0.37255	0.34000
122	11.160	0.96317	0.18178	0.35552	0.38600
127	11.425	0.98602	0.18609	0.36396	0.43200
137	11.475	0.99033	0.18690	0.36555	0.47800
142	11.490	0.99163	0.18715	0.36603	0.52200
152	11.699	1.0097	0.19057	0.37271	0.56300
157	11.554	0.99723	0.18821	0.36810	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	11.599	1.0017	0.19057	0.37271	-1.0000
-157	11.554	0.99723	0.18821	0.36810	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.9160	0.84719	0.16589	0.31271	0.79300
172	12.139	1.0451	0.19724	0.38576	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.960	0.94593	0.17852	0.34916	0.79300
187	11.989	1.0347	0.19528	0.38194	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/08/79 05:16:06.490 FAC 8X6X1 PGM C034 RDG 2198

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	15.142	1.3082	0.21637	0.42796	0.43400
37	8.2135	0.70976	0.11723	0.23187	0.53300
47	10.137	0.87582	0.14486	0.28652	0.63100
52	11.691	1.0100	0.16706	0.33043	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.936	1.0226	0.16913	0.33452	0.42200
67	11.861	1.0247	0.16948	0.33523	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	3.2842	0.28375	0.046931	0.092826	0.56400
82	33.496	2.8940	0.47865	0.94673	0.63500
92	11.791	1.0189	0.16720	0.33071	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	10.507	0.90776	0.15014	0.29697	-1.0000
-112	11.691	1.0150	0.16706	0.33043	-1.0000
-122	11.131	0.96171	0.15906	0.31462	-1.0000
-127	11.381	0.98329	0.16263	0.32167	-1.0000
-137	11.466	0.99063	0.16385	0.32407	-1.0000
-142	11.491	0.99278	0.16420	0.32478	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	10.507	0.90776	0.15014	0.29697	0.31900
112	11.691	1.0100	0.16706	0.33043	0.34000
122	11.131	0.96171	0.15906	0.31462	0.38600
127	11.381	0.98329	0.16263	0.32167	0.43200
137	11.466	0.99063	0.16385	0.32407	0.47800
142	11.491	0.99278	0.16420	0.32478	0.52200
152	11.691	1.0100	0.16706	0.33043	0.56300
157	11.536	0.99667	0.16485	0.32605	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	11.691	1.0100	0.16706	0.33043	-1.0000
-157	11.536	0.99667	0.16485	0.32605	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	9.7824	0.84518	0.13979	0.27649	0.79300
172	12.100	1.0454	0.17291	0.34200	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.837	0.93625	0.15485	0.30628	0.79300
187	11.935	1.0286	0.17013	0.33650	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:18:14.454 FAC 8X6X1 PGM C034 RDG 2199

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.755	1.5323	0.21756	0.42830	0.43400
37	9.6277	0.83090	0.11797	0.23225	0.53300
47	11.931	1.0297	0.14620	0.28781	0.63100
52	11.711	1.0107	0.14350	0.28251	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.959	1.2047	0.17105	0.33674	0.42200
67	11.891	1.0262	0.14571	0.28685	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	8.7481	0.75486	0.10719	0.21103	0.56400
82	38.275	3.3037	0.47757	0.94019	0.63500
92	11.706	1.0103	0.14344	0.28239	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.507	0.90680	0.12875	0.25346	-1.0000
-112	11.696	1.0094	0.14332	0.28215	-1.0000
-122	11.202	0.96674	0.13726	0.27022	-1.0000
-127	11.422	0.98571	0.13995	0.27552	-1.0000
-137	11.496	0.99218	0.14087	0.27733	-1.0000
-142	11.541	0.99606	0.14142	0.27841	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUSELAGE INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.507	0.90680	0.12875	0.25346	0.31900
112	11.696	1.0094	0.14332	0.28215	0.34000
122	11.202	0.96674	0.13726	0.27022	0.38600
127	11.422	0.98571	0.13995	0.27552	0.43200
137	11.496	0.99218	0.14087	0.27733	0.47800
142	11.541	0.99606	0.14142	0.27841	0.52200
152	11.696	1.0094	0.14332	0.28215	0.56300
157	11.591	1.0004	0.14203	0.27962	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	11.696	1.0094	0.14332	0.28215	-1.0000
-157	11.591	1.0004	0.14203	0.27962	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.9676	0.85160	0.12091	0.23803	0.79300
172	12.186	1.0517	0.14932	0.29396	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.447	0.97787	0.14026	0.27612	0.79300
187	12.286	1.0503	0.15054	0.29637	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:19:20.215 FAC 8X6X1 PGM C034 RDG 2200

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.425	1.1609	0.21859	0.42765	0.43400
37	7.2338	0.62983	0.11860	0.23202	0.53300
47	9.0282	0.78068	0.14700	0.28759	0.63100
52	11.677	1.0097	0.19012	0.37195	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	10.497	0.90772	0.17092	0.33439	0.42200
67	11.861	1.0257	0.19313	0.37784	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	45.745	3.9591	0.74548	1.4585	0.56400
82	29.368	2.5395	0.47818	0.93551	0.63500
87	11.692	1.0110	0.19036	0.37243	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	10.507	0.90858	0.17108	0.33471	-1.0000
-112	11.682	1.0101	0.19020	0.37211	-1.0000
-122	11.167	0.96562	0.18182	0.35572	-1.0000
-127	11.412	0.98679	0.18581	0.36352	-1.0000
-137	11.467	0.99154	0.18670	0.36527	-1.0000
-142	11.482	0.99283	0.18695	0.36574	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	10.507	0.90858	0.17108	0.33471	0.31900
112	11.682	1.0101	0.19020	0.37211	0.34000
122	11.167	0.96562	0.18182	0.35572	0.38600
127	11.412	0.98679	0.18581	0.36352	0.43200
137	11.467	0.99154	0.18670	0.36527	0.47800
142	11.482	0.99283	0.18695	0.36574	0.52200
152	11.637	1.0105	0.19028	0.37227	0.56300
157	11.547	0.99845	0.18800	0.36781	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	11.687	1.0105	0.19028	0.37227	-1.0000
-157	11.547	0.99845	0.18800	0.36781	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	9.8128	0.84766	0.15961	0.31226	0.79300
172	13.091	1.0456	0.19687	0.38516	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.957	0.94747	0.17841	0.34903	0.79300
187	11.671	1.0362	0.19492	0.38134	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL PRC 11/08/79 05:27:48.624 FAC 8X6X1 PGM C034 RNG 2201

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.9363	0.75977	0.21611	0.42884	0.43400
37	12.897	1.00013	0.28164	0.55887	0.53300
47	13.762	1.0566	0.30052	0.59635	0.63100
52	13.127	1.0078	0.28666	0.56883	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.6352	0.59823	0.17045	0.33823	0.42200
67	11.927	0.91566	0.26045	0.51683	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	34.674	2.6620	0.75719	1.5025	0.56400
82	21.990	1.6883	0.48021	0.95291	0.63500
92	13.137	1.0086	0.28688	0.56927	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.517	0.88418	0.25150	0.49906	-1.0000
-112	13.127	1.0078	0.28666	0.56883	-1.0000
-122	12.242	0.93984	0.26733	0.53048	-1.0000
-127	12.627	0.96941	0.27574	0.54717	-1.0000
-137	12.852	0.98668	0.28065	0.55692	-1.0000
-142	12.947	0.99397	0.28273	0.56103	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.517	0.88418	0.25150	0.49906	0.31900
112	13.127	1.0078	0.28666	0.56883	0.34000
122	12.242	0.93984	0.26733	0.53048	0.38600
127	12.627	0.96941	0.27574	0.54717	0.43200
137	12.852	0.98668	0.28065	0.55692	0.47800
142	12.947	0.99397	0.28273	0.56103	0.52200
152	13.142	1.0089	0.28699	0.56948	0.56300
157	13.017	0.99835	0.28426	0.56407	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.142	1.0089	0.28699	0.56948	-1.0000
-157	13.017	0.99835	0.28426	0.56407	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.577	0.88878	0.25281	0.50166	0.79300
172	13.367	1.0262	0.29190	0.57923	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.922	0.91527	0.26034	0.51661	0.79300
187	13.077	1.0705	0.28458	0.56472	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFIT REC 11/08/79 05:28:42.706 FAC 8X6X1 PGM C034 RDG 2202

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.877	0.98934	0.21881	0.42930	0.43400
37	6.9496	0.53547	0.11843	0.23235	0.53300
47	11.293	0.86688	0.19173	0.37616	0.63100
52	13.102	1.0066	0.22263	0.43680	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.049	0.77205	0.17075	0.33501	0.42200
67	11.909	0.91487	0.20234	0.39699	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	44.738	3.4372	0.76020	1.4915	0.56400
82	28.243	2.1699	0.47991	0.94156	0.63500
92	13.122	1.0081	0.22297	0.43746	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.528	0.88569	0.19589	0.38433	-1.0000
-112	13.112	1.0074	0.22280	0.43713	-1.0000
-122	12.258	0.94174	0.20828	0.40865	-1.0000
-127	12.642	0.97130	0.21482	0.42147	-1.0000
-132	12.872	0.98896	0.21873	0.42913	-1.0000
-142	12.962	0.99587	0.22025	0.43213	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.528	0.88569	0.19589	0.38433	0.31900
112	13.112	1.0074	0.22280	0.43713	0.34000
122	12.258	0.94174	0.20828	0.40865	0.38600
127	12.642	0.97130	0.21482	0.42147	0.43200
132	12.872	0.98896	0.21873	0.42913	0.47800
142	12.962	0.99587	0.22025	0.43213	0.52200
152	13.117	1.0078	0.22289	0.43730	0.56300
157	13.097	1.0093	0.22102	0.43363	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.117	1.0074	0.22289	0.43730	-1.0000
-157	13.097	1.0093	0.22102	0.43363	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.593	0.89068	0.19699	0.38649	0.79300
172	13.367	1.0270	0.22713	0.44562	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.949	0.91794	0.20302	0.39832	0.79300
187	13.347	1.1024	0.22170	0.43496	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:29:26.227 FAC 8X8X1 PGM C034 RDG 2203

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.926	1.1441	0.21633	0.42791	0.43400
37	8.3686	0.61846	0.11714	0.23131	0.53300
47	9.9785	0.76486	0.14489	0.28607	0.63100
52	13.127	1.0062	0.19061	0.37634	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.663	0.89397	0.16935	0.33436	0.42200
67	11.928	0.91428	0.17319	0.34195	0.64200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	1.9899	0.15252	0.028883	0.057046	0.56400
82	32.881	2.5204	0.47744	0.94265	0.63500
92	13.147	1.0077	0.19090	0.37681	0.68200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.543	0.88478	0.16761	0.33092	-1.0000
-112	13.132	1.0066	0.19068	0.37648	-1.0000
-122	12.293	0.94224	0.17849	0.35241	-1.0000
-127	12.678	0.97174	0.18408	0.36344	-1.0000
-132	12.912	0.98974	0.18749	0.37018	-1.0000
-142	13.017	0.99779	0.18901	0.37318	-1.0000

>ADDITIONAL PRESSURE RATIOS , FIREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.543	0.88478	0.16761	0.33092	0.31400
112	13.132	1.0066	0.19068	0.37648	0.34000
122	12.293	0.94224	0.17849	0.35241	0.38600
127	12.678	0.97174	0.18408	0.36344	0.43700
132	12.912	0.98974	0.18749	0.37018	0.47800
142	13.017	0.99779	0.18901	0.37318	0.52200
152	13.142	1.0074	0.19083	0.37677	0.56300
157	13.042	0.99970	0.18938	0.37390	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.142	1.0074	0.19083	0.37677	-1.0000
-157	13.042	0.99970	0.18938	0.37390	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.418	0.87553	0.16869	0.33307	0.79300
172	13.427	1.0292	0.19486	0.38493	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.063	0.92482	0.17515	0.34582	0.79300
187	13.132	1.0066	0.19068	0.37648	0.84400

>ADDITIONAL S , MEASURED THRUST PARAMETERS

157

RUN 99

NASA-LEWIS PRELIMINARY DATA 07/21/79 CADDFII REF 11/08/79 05:30:33.202 FAC 8X6X1 PGM C034 PDS 2204

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.042	1.3070	0.21676	0.42879	0.43400
37	9.7132	0.77652	0.11717	0.23179	0.53300
47	11.401	0.87441	0.14501	0.28687	0.63100
52	13.139	1.0079	0.16709	0.33037	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.353	1.0239	0.16980	0.33590	0.42200
67	11.951	0.91657	0.15201	0.30070	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	7.4625	0.57233	0.094916	0.18777	0.56400
82	37.538	2.8789	0.47745	0.94450	0.63500
92	13.140	1.0078	0.16713	0.33062	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	11.561	0.8866.	0.14705	0.29089	-1.0000
-112	13.125	1.0066	0.16694	0.33024	-1.0000
-122	12.301	0.94339	0.15645	0.30950	-1.0000
-127	12.693	0.97328	0.16141	0.31931	-1.0000
-137	12.913	0.99014	0.16421	0.32484	-1.0000
-142	13.005	0.99742	0.16541	0.32723	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORE FAN INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	11.561	0.88667	0.14705	0.29089	0.31900
112	13.125	1.0066	0.16694	0.33024	0.34000
122	12.301	0.94339	0.15645	0.30950	0.38600
127	12.693	0.97328	0.16141	0.31931	0.43200
137	12.913	0.99014	0.16421	0.32484	0.47800
142	13.005	0.99742	0.16541	0.32723	0.52200
152	13.135	1.0074	0.16707	0.33050	0.56300
157	13.025	0.99896	0.16567	0.32773	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	13.135	1.0074	0.16707	0.33050	-1.0000
-157	13.025	0.99896	0.16567	0.32773	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	11.601	0.88974	0.14756	0.29190	0.79300
172	13.415	1.0288	0.17063	0.33754	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	11.891	0.91179	0.15112	0.29894	0.79300
187	13.015	0.99819	0.16554	0.32748	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:32:57.486 FAC 8X6X1 PGM C034 RDG 2205

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	19.168	1.4566	0.21764	0.42897	0.43400
37	10.382	0.79437	0.11789	0.23235	0.53300
47	12.857	0.98369	0.14598	0.28772	0.63100
52	13.172	1.0078	0.14956	0.29477	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	15.066	1.1527	0.17106	0.33716	0.42200
67	12.322	0.91982	0.13650	0.26904	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.987	0.91714	0.13611	0.26826	0.56400
82	42.067	3.2186	0.47765	0.94142	0.63500
92	13.167	1.0074	0.14950	0.29466	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	11.632	0.88999	0.13208	0.26032	-1.0000
-112	13.152	1.0062	0.14933	0.29432	-1.0000
-122	12.382	0.94736	0.14059	0.27710	-1.0000
-127	12.762	0.97642	0.14490	0.28560	-1.0000
-137	12.977	0.99287	0.14734	0.29041	-1.0000
-142	13.067	0.99975	0.14837	0.29242	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUSELAGE INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	11.632	0.88999	0.13208	0.26032	0.31900
112	13.152	1.0062	0.14933	0.29432	0.34000
122	12.382	0.94736	0.14059	0.27710	0.38600
127	12.762	0.97642	0.14490	0.28560	0.43200
137	12.977	0.99287	0.14734	0.29041	0.47800
142	13.067	0.99975	0.14837	0.29242	0.52200
152	13.162	1.0070	0.14944	0.29455	0.56300
157	13.087	1.0013	0.14859	0.29287	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	13.162	1.0070	0.14944	0.29455	-1.0000
-157	13.087	1.0013	0.14859	0.29287	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	11.667	0.89267	0.13247	0.26110	0.79300
172	13.572	1.0384	0.15410	0.30372	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	12.487	0.95529	0.14178	0.27945	0.79300
187	13.417	1.0261	0.15228	0.30014	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 04/21/79 CADDELL PRT 11/08/79 05:35:10.797 FAC 8X6X1 PGM C034 ROG 2206

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.913	1.1417	0.21671	0.42962	0.43400
37	8.0677	0.61758	0.11722	0.23186	0.53300
47	9.9967	0.76453	0.14513	0.28732	0.63100
52	13.153	1.0067	0.19108	0.37794	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.641	0.89116	0.16915	0.33457	0.42200
67	12.091	0.92100	0.17482	0.34577	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	0.84309	0.064543	0.012251	0.024231	0.56400
82	32.851	2.5149	0.47735	0.94416	0.63500
87	13.165	1.0078	0.19130	0.37837	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.581	0.88657	0.16828	0.33284	-1.0000
-112	13.153	1.0067	0.19108	0.37794	-1.0000
-122	12.310	0.94242	0.17888	0.35381	-1.0000
-127	12.695	0.97188	0.18447	0.36487	-1.0000
-132	12.925	0.98947	0.18781	0.37148	-1.0000
-142	13.025	0.99712	0.18927	0.37435	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD TAIL

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.581	0.88657	0.16828	0.33284	0.31900
112	13.153	1.0067	0.19108	0.37794	0.34300
122	12.310	0.94242	0.17888	0.35381	0.38600
127	12.695	0.97188	0.18447	0.36487	0.43200
132	12.925	0.98947	0.18781	0.37148	0.47800
142	13.025	0.99712	0.18927	0.37435	0.52200
152	13.160	1.0074	0.19123	0.37822	0.56300
157	13.055	0.99942	0.18970	0.37521	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.160	1.0074	0.19123	0.37822	-1.0000
-157	13.055	0.99942	0.18970	0.37521	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.616	0.88925	0.16879	0.33385	0.79300
172	13.453	1.0296	0.19544	0.38655	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.061	0.92330	0.17525	0.34663	0.79300
187	13.145	1.0063	0.19101	0.37779	0.84400

SECTION 5 MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL RFC 11/08/79 05:42:54.079 FAC 8X6X1 PGM C034 RDG 2207

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.734	0.77135	0.21857	0.42975	0.43400
37	14.609	0.96029	0.27211	0.53502	0.53300
47	15.213	1.0000	0.28337	0.55717	0.63100
52	15.283	1.0046	0.28467	0.55973	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.1890	0.60405	0.17116	0.33656	0.42200
67	12.244	0.80487	0.22807	0.44843	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	40.548	2.6655	0.75529	1.4851	0.56400
82	25.742	1.6922	0.47950	0.94281	0.63500
92	15.293	1.0053	0.28486	0.56010	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.023	0.92185	0.26121	0.51360	-1.0000
-112	15.288	1.0050	0.28477	0.55991	-1.0000
-122	14.508	0.95372	0.27024	0.53136	-1.0000
-127	14.768	0.97080	0.27508	0.54088	-1.0000
-137	14.928	0.98131	0.27806	0.54673	-1.0000
-142	15.043	0.98887	0.28020	0.55094	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.023	0.92185	0.26121	0.51360	0.31900
112	15.288	1.0050	0.28477	0.55991	0.34000
122	14.508	0.95372	0.27024	0.53136	0.38600
127	14.768	0.97080	0.27508	0.54088	0.43200
137	14.928	0.98131	0.27806	0.54673	0.47800
142	15.043	0.98887	0.28020	0.55094	0.52200
152	15.293	1.0053	0.28496	0.56010	0.56300
157	15.148	0.99577	0.28216	0.55479	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.293	1.0053	0.28486	0.56010	-1.0000
-157	15.148	0.99577	0.28216	0.55479	1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.108	0.92743	0.26280	0.51671	0.79300
172	15.313	1.0066	0.28523	0.56083	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.993	0.91988	0.26065	0.51250	0.79300
187	14.868	0.97737	0.27695	0.54454	0.84400

SECTION 5 . MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/08/79 05:43:55.086 FAC 8X6X1 PGM C034 RDG 2208

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.993	0.98082	0.21688	0.42904	0.43400
37	8.3390	0.53948	0.11708	0.23161	0.53300
47	12.172	0.80157	0.17724	0.35064	0.63100
52	15.238	1.0035	0.22190	0.43897	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.627	0.76572	0.16932	0.33495	0.47200
67	12.251	0.80684	0.17841	0.35294	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	1.6936	0.11193	0.024751	0.048963	0.56400
82	32.838	2.1626	0.47818	0.94598	0.63500
92	15.253	1.0045	0.22211	0.43940	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.009	0.92261	0.20401	0.40358	-1.0000
-112	15.243	1.0038	0.22197	0.43911	-1.0000
-122	14.494	0.95451	0.21106	0.41754	-1.0000
-127	14.743	0.97095	0.21470	0.42473	-1.0000
-137	14.928	0.98312	0.21739	0.43005	-1.0000
-142	15.038	0.99036	0.21899	0.43322	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.009	0.92261	0.20401	0.40358	0.31900
112	15.243	1.0038	0.22197	0.43911	0.34000
122	14.494	0.95451	0.21106	0.41754	0.38600
127	14.743	0.97095	0.21470	0.42473	0.43200
137	14.928	0.98312	0.21739	0.43005	0.47800
142	15.038	0.99036	0.21899	0.43322	0.52200
152	15.258	1.0048	0.22219	0.43955	0.56300
157	15.118	0.99562	0.22015	0.43552	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.258	1.0048	0.22219	0.43955	-1.0000
-157	15.118	0.99562	0.22015	0.43552	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.099	0.92853	0.20532	0.40617	0.79300
172	15.303	1.0078	0.22284	0.44084	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.014	0.92294	0.20408	0.40373	0.79300
187	14.073	0.92951	0.21659	0.42847	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:44:54.141 FAC 8X6X1 PGM C034 RDG 2209

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.503	1.1503	0.21737	0.42810	0.43400
37	9.4483	0.62053	0.11734	0.23109	0.53300
47	11.731	0.77096	0.14569	0.28692	0.63100
52	15.257	1.0026	0.18947	0.37315	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.764	0.90386	0.17080	0.33639	0.42200
67	12.305	0.80869	0.15282	0.30097	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	8.5391	0.56117	0.10604	0.20885	0.56400
82	38.405	2.5239	0.47695	0.93933	0.63500
92	15.272	1.0036	0.18965	0.37352	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.023	0.92158	0.17415	0.34299	-1.0000
-112	15.257	1.0026	0.18947	0.37315	-1.0000
-122	14.533	0.95506	0.18048	0.35544	-1.0000
-127	14.792	0.97212	0.18370	0.36179	-1.0000
-137	14.977	0.98426	0.18600	0.36631	-1.0000
-142	15.097	0.99213	0.18748	0.36924	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.023	0.92158	0.17415	0.34299	0.31900
112	15.257	1.0026	0.18947	0.37315	0.34000
122	14.533	0.95506	0.18048	0.35544	0.38600
127	14.792	0.97212	0.18370	0.36179	0.43200
137	14.977	0.98426	0.18600	0.36631	0.47800
142	15.097	0.99213	0.18748	0.36924	0.52200
147	15.277	1.0039	0.18972	0.37364	0.56300
152	15.157	0.99607	0.18823	0.37071	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-147	15.277	1.0039	0.18972	0.37364	-1.0000
-152	15.157	0.99607	0.18823	0.37071	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SUPPORT LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.113	0.92749	0.17527	0.34518	0.79300
172	15.356	1.0092	0.19071	0.37559	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SUPPORT LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.093	0.92618	0.17502	0.34470	0.79300
187	14.932	0.98131	0.18544	0.36521	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/08/79 05:46:13.611 FAC 8X6X1 PGM C034 RDG 2210

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.990	1.2511	0.21751	0.42857	0.43400
37	10.266	0.67639	0.11759	0.23169	0.53300
47	12.739	0.83927	0.14591	0.28749	0.63100
52	15.240	1.0041	0.17457	0.34395	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.926	0.98337	0.17096	0.33685	0.42200
67	12.379	0.81558	0.14179	0.27938	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.025	0.79222	0.13773	0.27137	0.56400
82	41.658	2.7446	0.47717	0.94016	0.63500
92	15.231	1.0034	0.17445	0.34372	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.992	0.92185	0.16027	0.31578	-1.0000
-112	15.221	1.0028	0.17434	0.34350	-1.0000
-122	14.477	0.95376	0.16582	0.32671	-1.0000
-127	14.726	0.97021	0.16868	0.33234	-1.0000
-137	14.921	0.98304	0.17091	0.33674	-1.0000
-142	15.031	0.99028	0.17217	0.33922	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.992	0.92185	0.16027	0.31578	0.31900
112	15.221	1.0028	0.17434	0.34350	0.34000
122	14.477	0.95376	0.16582	0.32671	0.38600
127	14.726	0.97021	0.16868	0.33234	0.43200
137	14.921	0.98304	0.17091	0.33674	0.47800
142	15.031	0.99028	0.17217	0.33922	0.52200
152	15.226	1.0031	0.17440	0.34361	0.56300
157	15.081	0.99357	0.17274	0.34034	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.226	1.0031	0.17440	0.34361	-1.0000
-157	15.081	0.99357	0.17274	0.34034	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SUMPUH LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.057	0.92613	0.16101	0.31724	0.79300
172	15.231	1.0034	0.17445	0.34372	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SUMPUH LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.857	0.91297	0.15873	0.31274	0.79300
187	14.731	0.97054	0.16873	0.33246	0.84400

>PROTEUS 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 08/23/79 CADDELL REC 11/08/79 05:48:31.321 FAC 8X6X1 PGM C034 RDG 2211

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.537	1.1521	0.21747	0.42836	0.43400
37	8.4473	0.62169	0.11735	0.23115	0.63300
47	11.730	0.77191	0.14571	0.28701	0.63100
32	15.266	1.1046	0.18963	0.37351	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.748	0.90468	0.17077	0.33637	0.42200
67	12.439	0.81858	0.15452	0.30436	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	7.7835	0.51220	0.096684	0.19044	0.56400
82	38.590	2.5335	0.47824	0.94200	0.63500
87	15.261	1.0042	0.18956	0.37339	0.68200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.022	0.92275	0.17418	0.34309	-1.0000
-112	15.256	1.0039	0.18550	0.37327	-1.0000
-122	14.517	0.95528	0.18032	0.35519	-1.0000
-127	14.771	0.97204	0.18348	0.36142	-1.0000
-137	14.966	0.98486	0.18590	0.36618	-1.0000
-142	15.066	0.99143	0.18715	0.36863	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.022	0.92275	0.17418	0.34309	0.31900
112	15.256	1.0039	0.18550	0.37327	0.34000
122	14.517	0.95528	0.18032	0.35519	0.38600
127	14.771	0.97204	0.18348	0.36142	0.43200
137	14.966	0.98486	0.18590	0.36618	0.47800
142	15.066	0.99143	0.18715	0.36863	0.52200
152	15.261	1.0042	0.18956	0.37339	0.56300
157	15.126	0.99537	0.18789	0.37009	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	15.261	1.0042	0.18956	0.37339	-1.0000
-157	15.126	0.99537	0.18789	0.37009	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWITCH LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.087	0.92703	0.17499	0.34468	0.79300
172	15.206	1.0072	0.19017	0.37449	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
162	14.087	0.92703	0.17499	0.34468	0.79300
167	14.891	0.97993	0.18497	0.36435	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII PEC 11/08/79 05:49:59.178 FAC 8X6X1 PGM C034 RDG 2212

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.944	0.98213	0.21731	0.42878	0.43400
37	8.0676	0.53022	0.11732	0.23148	0.53300
47	12.023	0.79018	0.17484	0.34498	0.63100
52	15.253	1.0025	0.22181	0.43766	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.674	0.76721	0.16976	0.33495	0.42200
67	12.492	0.82103	0.18167	0.35845	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	1.0441	0.068621	0.015184	0.029959	0.56400
82	32.952	2.1657	0.47920	0.94550	0.63500
87	15.273	1.0038	0.22210	0.43824	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.030	0.92209	0.20403	0.40257	-1.0000
-112	15.273	1.0038	0.22210	0.43824	-1.0000
-122	14.534	0.95523	0.21136	0.41704	-1.0000
-127	14.774	0.97098	0.21485	0.42391	-1.0000
-132	14.969	0.98377	0.21768	0.42950	-1.0000
-142	15.064	0.99000	0.21906	0.43222	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.030	0.92209	0.20403	0.40257	0.31900
112	15.273	1.0038	0.22210	0.43824	0.34000
122	14.534	0.95523	0.21136	0.41704	0.38600
127	14.774	0.97098	0.21485	0.42391	0.43200
132	14.969	0.98377	0.21768	0.42950	0.47800
142	15.064	0.99000	0.21906	0.43222	0.52200
152	15.298	1.0054	0.22247	0.43895	0.56300
157	15.143	0.99525	0.22022	0.43451	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.298	1.0054	0.22247	0.43895	-1.0000
-157	15.143	0.99525	0.22022	0.43451	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.125	0.92832	0.20541	0.40529	0.79300
172	15.343	1.0084	0.22312	0.44024	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.369	0.92406	0.20446	0.40343	0.79300
187	14.999	0.97918	0.21666	0.42749	0.84400

>SECTION 5 , MEASURED INLET PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:51:22.234 FAC 8X6X1 PGM C034 RDG 2213

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	12.130	0.79185	0.21863	0.42846	0.43400
37	14.572	0.95361	0.26329	0.51599	0.53300
47	14.917	0.97615	0.26952	0.52819	0.63100
52	15.336	1.0036	0.27710	0.54304	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	9.4778	0.62024	0.17125	0.33561	0.42200
67	12.515	0.81897	0.22612	0.44314	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	41.603	2.7226	0.75171	1.4732	0.56400
82	26.530	1.7361	0.47935	0.93941	0.63500
92	15.346	1.0043	0.27728	0.54340	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.088	0.92191	0.25454	0.49884	-1.0000
-112	15.336	1.0036	0.27710	0.54304	-1.0000
-122	14.577	0.95394	0.26338	0.51617	-1.0000
-127	14.822	0.96995	0.26780	0.52483	-1.0000
-137	14.996	0.98138	0.27096	0.53102	-1.0000
-142	15.101	0.98824	0.27286	0.53473	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.088	0.92191	0.25454	0.49884	0.31900
112	15.336	1.0036	0.27710	0.54304	0.34000
122	14.577	0.95394	0.26338	0.51617	0.38600
127	14.822	0.96995	0.26780	0.52483	0.43200
137	14.996	0.98138	0.27096	0.53102	0.47800
142	15.101	0.98824	0.27286	0.53473	0.52200
152	15.346	1.0043	0.27728	0.54340	0.56300
157	15.206	0.99511	0.27475	0.53845	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	15.346	1.0043	0.27728	0.54340	-1.0000
157	15.206	0.99511	0.27475	0.53845	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
162	14.158	0.92649	0.25580	0.50132	0.79300
172	15.376	1.0062	0.27782	0.54446	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.353	0.93943	0.25391	0.49760	0.79300
187	14.931	0.97714	0.26479	0.52872	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:58:07.330 FAC AX6X1 PGM C034 RDG 2214

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.649	0.77114	0.21757	0.42948	0.43400
37	13.997	0.92656	0.26142	0.51684	0.53300
47	14.282	0.94543	0.26674	0.52531	0.63100
52	15.031	0.99499	0.28166	0.55470	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
42	9.1261	0.60411	0.17044	0.33567	0.42200
67	12.459	0.82472	0.23269	0.45825	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	40.403	2.6746	0.75460	1.4861	0.56400
82	25.608	1.6952	0.47828	0.94191	0.63500
92	15.106	0.99996	0.28213	0.55562	0.69200

>ADDITIONAL PRESSURE RATIOS , FIRST FIP SPLITTER

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.527	0.96160	0.27131	0.53431	-1.0000
-112	15.046	0.99599	0.28104	0.55525	-1.0000
-122	14.661	0.97053	0.27383	0.53927	-1.0000
-127	14.711	0.97384	0.27476	0.54111	-1.0000
-132	14.731	0.97516	0.27513	0.54184	-1.0000
-142	14.856	0.98343	0.27746	0.54643	-1.0000

>ADDITIONAL PRESSURE RATIOS , FIREWALL INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.527	0.96160	0.27131	0.53431	0.31900
112	15.046	0.99599	0.28104	0.55525	0.34000
122	14.661	0.97053	0.27383	0.53927	0.38600
127	14.711	0.97384	0.27476	0.54111	0.43200
132	14.731	0.97516	0.27513	0.54184	0.47800
142	14.856	0.98343	0.27746	0.54643	0.52200
152	15.121	1.0009	0.28241	0.55617	0.56800
157	15.021	0.99434	0.28054	0.55250	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NACELLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.121	1.0009	0.28241	0.55617	-1.0000
-157	15.021	0.99434	0.28054	0.55250	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWIRL INCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.591	0.96590	0.27252	0.53670	0.79300
172	14.866	0.98409	0.27765	0.54680	0.84400

>ADDITIONAL PRESSURE RATIOS , NO DEG SWIRL INCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.717	0.96111	0.27552	0.52292	0.79300
187	14.641	0.96921	0.27345	0.53854	0.84400

>ADDITIONAL , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 05:59:36.161 FAC 9X6X1 PGM C034 RDG 2215

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.377	0.98555	0.21709	0.42837	0.43400
37	8.0340	0.55221	0.11723	0.23133	0.53300
47	10.382	0.68778	0.15150	0.29895	0.63100
52	15.172	0.99945	0.21993	0.43398	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.621	0.76985	0.16957	0.33462	0.42200
67	12.450	0.82477	0.18167	0.35849	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	1.6738	0.11088	0.024424	0.048196	0.56400
82	32.776	2.1713	0.47827	0.94375	0.63500
92	15.092	0.99978	0.22022	0.43456	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.528	0.96240	0.21199	0.41831	-1.0000
-112	15.097	1.0001	0.22029	0.43470	-1.0000
-122	14.658	0.97100	0.21388	0.42205	-1.0000
-127	14.728	0.97563	0.21490	0.42406	-1.0000
-137	14.758	0.97761	0.21534	0.42492	-1.0000
-142	14.862	0.98456	0.21687	0.42794	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.528	0.96240	0.21199	0.41831	0.31900
112	15.097	1.0001	0.22029	0.43470	0.34000
122	14.658	0.97100	0.21388	0.42205	0.38600
127	14.728	0.97563	0.21490	0.42406	0.43200
137	14.758	0.97761	0.21534	0.42492	0.47800
142	14.862	0.98456	0.21687	0.42794	0.52200
152	15.092	0.99978	0.22022	0.43456	0.56300
157	14.997	0.99349	0.21884	0.43182	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.192	0.99978	0.22022	0.43456	-1.0000
-157	14.997	0.99349	0.21884	0.43182	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.563	0.96471	0.21250	0.41932	0.79300
172	14.862	0.98456	0.21687	0.42794	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.243	0.94354	0.20783	0.41011	0.79300
187	14.653	0.97067	0.21381	0.42190	0.84400

>SECTION 5 - MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADCELL REC 11/08/79 06:01:17.719 FAC 8X6X1 PGM C034 RDG 2216

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
32	17.341	1.1529	0.21678	0.42806	0.43400
37	9.3617	1.62223	0.11702	0.23107	0.53300
42	11.622	1.77313	0.14527	0.28705	0.63100
52	15.324	0.99985	0.19782	0.37088	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
62	13.631	0.90623	0.17040	0.33649	0.42200
67	12.488	0.83021	0.15611	0.30826	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
77	8.1216	0.53995	0.10153	0.20048	0.56400
82	38.193	2.5392	0.47745	0.94280	0.63500
92	15.044	1.0002	0.18807	0.37137	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-107	14.459	0.96068	0.18064	0.35670	-1.0000
-112	15.034	0.99952	0.18794	0.37112	-1.0000
-122	14.615	0.97163	0.18270	0.36077	-1.0000
-127	14.680	0.97595	0.18351	0.36237	-1.0000
-137	14.710	0.97794	0.18389	0.36311	-1.0000
-142	14.825	0.98558	0.18532	0.36595	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
107	14.450	0.96068	0.18064	0.35670	0.31900
112	15.034	0.99952	0.18794	0.37112	0.34000
122	14.615	0.97163	0.18270	0.36077	0.38600
127	14.680	0.97595	0.18351	0.36237	0.43200
137	14.710	0.97794	0.18389	0.36311	0.47800
142	14.825	0.98558	0.18532	0.36595	0.52200
152	15.044	1.0002	0.18807	0.37137	0.56300
157	14.949	0.99387	0.18689	0.36903	0.60600

>ADDITIONAL PRESSURE RATIOS , FAN DIFFUSER PLANE

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-152	15.044	1.0002	0.18807	0.37137	-1.0000
-157	14.949	0.99387	0.18689	0.36903	-1.0000

>ADDITIONAL PRESSURE RATIOS , 30 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
167	14.530	0.96599	0.18164	0.35868	0.79300
172	14.795	0.98358	0.18496	0.36521	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
182	14.126	0.93910	0.17658	0.34869	0.79300
187	14.550	0.96732	0.18189	0.35917	0.84400

SECTION 6 MEASURED THRUST PARAMETERS

170

ORIGINAL PAGE IS OF POOR QUALITY

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/08/79 06:02:20.997 FAC 8X6X1 PGM C034 RDG 2217

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	19.043	1.2633	0.21719	0.42840	0.43400
37	11.292	0.68206	0.11726	0.23130	0.53300
47	12.775	0.84745	0.14570	0.28738	0.63100
52	15.077	1.0002	0.17196	0.33919	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.993	0.99468	0.17099	0.33728	0.42200
67	12.520	0.83055	0.14279	0.28165	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	12.510	0.82988	0.14268	0.28143	0.56400
82	41.789	2.7722	0.47662	0.94011	0.63500
92	15.062	0.99922	0.17179	0.33885	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.468	0.95979	0.16501	0.32548	-1.0000
-112	15.057	0.99889	0.17174	0.33874	-1.0000
-122	14.633	0.97072	0.16689	0.32919	-1.0000
-127	14.888	0.97437	0.16752	0.33042	-1.0000
-132	14.723	0.97669	0.16792	0.33121	-1.0000
-142	14.828	0.98364	0.16911	0.33357	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.468	0.95979	0.16501	0.32548	0.31900
112	15.057	0.99889	0.17174	0.33874	0.34000
122	14.633	0.97072	0.16689	0.32919	0.38600
127	14.888	0.97437	0.16752	0.33042	0.43200
132	14.723	0.97669	0.16792	0.33121	0.47800
142	14.828	0.98364	0.16911	0.33357	0.52200
152	15.062	0.99922	0.17179	0.33885	0.56300
157	14.963	0.99259	0.17065	0.33660	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.062	0.99922	0.17179	0.33885	-1.0000
-157	14.963	0.99259	0.17065	0.33660	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.538	0.96443	0.16581	0.32705	0.79300
172	14.838	0.98432	0.16889	0.33312	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.083	0.93427	0.16063	0.31683	0.79300
187	14.523	0.96343	0.16564	0.32671	0.84400

>SECTION 5 , MEASURED TURBIST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 06:03:55.278 FAC 8X6X1 PGM C034 RDG 2218

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	17.395	1.1537	0.21688	0.42794	0.43400
37	9.3869	0.62260	0.11704	0.23093	0.53300
47	11.664	0.77363	0.14543	0.28696	0.63100
52	15.054	0.99847	0.18769	0.37035	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	13.626	0.90377	0.16989	0.33523	0.42200
67	12.543	0.83192	0.15638	0.30857	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	7.5586	0.50134	0.094241	0.18595	0.56400
82	38.196	2.5334	0.47623	0.93969	0.63500
92	15.069	0.99946	0.18786	0.37072	0.69200

>ADDITIONAL PRESSURE RATIOS , FUSEPEP SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.500	0.96172	0.18078	0.35672	-1.0000
-112	15.064	0.99913	0.18782	0.37060	-1.0000
-122	14.650	0.97165	0.18265	0.36040	-1.0000
-127	14.724	0.97662	0.18358	0.36225	-1.0000
-137	14.754	0.97860	0.18396	0.36298	-1.0000
-142	14.869	0.98622	0.18539	0.36581	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORESCOV INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.500	0.96172	0.18078	0.35672	0.31900
112	15.064	0.99913	0.18782	0.37060	0.34000
122	14.650	0.97165	0.18265	0.36040	0.38600
127	14.724	0.97662	0.18358	0.36225	0.43200
137	14.754	0.97860	0.18396	0.36298	0.47800
142	14.869	0.98622	0.18539	0.36581	0.52200
152	15.099	1.0014	0.18825	0.37146	0.56300
157	15.009	0.99549	0.18713	0.36925	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.099	1.0014	0.18825	0.37146	-1.0000
-157	15.009	0.99549	0.18713	0.36925	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.585	0.96735	0.18184	0.35881	0.79300
172	14.859	0.98556	0.18526	0.36556	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.190	0.94119	0.17692	0.34911	0.79300
187	14.610	0.96900	0.18215	0.35942	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 06:39:21.227 FAC 8X6X1 PGM C034 RDG 2219

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.073	0.76871	0.21735	0.42764	0.43400
37	12.698	0.88083	0.24905	0.49002	0.53300
47	12.693	0.88118	0.24915	0.49021	0.63100
52	14.348	0.99605	0.28163	0.55412	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.6923	0.60344	0.17062	0.33570	0.42200
67	13.029	0.90443	0.25573	0.50315	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	39.469	2.7389	0.77458	1.5226	0.56400
82	24.469	1.6987	0.48031	0.94502	0.63500
92	14.349	0.99605	0.28163	0.55412	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.298	0.99258	0.28065	0.55219	-1.0000
-112	14.353	0.99640	0.28173	0.55431	-1.0000
-122	14.298	0.99189	0.28046	0.55180	-1.0000
-127	14.293	0.99154	0.28036	0.55161	-1.0000
-137	14.213	0.98668	0.27898	0.54890	-1.0000
-142	14.178	0.98426	0.27830	0.54755	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.298	0.99258	0.28065	0.55219	0.31400
112	14.353	0.99640	0.28173	0.55431	0.34600
122	14.298	0.99189	0.28046	0.55180	0.38600
127	14.293	0.99154	0.28036	0.55161	0.43200
137	14.213	0.98668	0.27898	0.54890	0.47800
142	14.178	0.98426	0.27830	0.54755	0.52200
152	14.368	0.99744	0.28203	0.55489	0.56300
157	14.063	0.97627	0.27604	0.54311	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLOW

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.368	0.99744	0.28203	0.55489	-1.0000
-157	14.063	0.97627	0.27604	0.54311	-1.0000

>ADDITIONAL PRESSURE RATIOS , 70 DEG SPECIAL LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.303	0.99293	0.28075	0.55238	0.79300
172	13.783	0.95684	0.27055	0.53230	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPECIAL LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.838	0.96066	0.27163	0.53442	0.79300
187	13.853	0.96170	0.27192	0.53500	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 08:40:32.613 FAC 8X6X1 PGM C034 RDG 2220

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.216	0.91716	0.21795	0.42843	0.43400
37	7.4778	0.53315	0.11771	0.23139	0.53700
47	9.0328	0.64683	0.14722	0.28940	0.63100
52	14.341	0.93504	0.21986	0.43220	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.118	0.77200	0.17044	0.33505	0.42200
67	13.007	0.90319	0.19941	0.39199	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	50.024	3.4736	0.76691	1.5076	0.56400
82	31.331	2.1756	0.48034	0.94424	0.63500
92	14.336	0.99549	0.21978	0.43205	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.276	0.99133	0.21887	0.43024	-1.0000
-112	14.336	0.99549	0.21978	0.43205	-1.0000
-122	14.266	0.99064	0.21871	0.42994	-1.0000
-127	14.266	0.99064	0.21871	0.42994	-1.0000
-137	14.221	0.98751	0.21802	0.42858	-1.0000
-142	14.191	0.98543	0.21756	0.42768	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.276	0.99133	0.21887	0.43024	0.31900
112	14.336	0.99549	0.21978	0.43205	0.34000
122	14.266	0.99064	0.21871	0.42994	0.38600
127	14.266	0.99064	0.21871	0.42994	0.43200
137	14.221	0.98751	0.21802	0.42858	0.47800
142	14.191	0.98543	0.21756	0.42768	0.52200
152	14.366	0.99757	0.22024	0.43295	0.56300
157	14.146	0.98231	0.21687	0.42633	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.366	0.99757	0.22024	0.43295	-1.0000
-157	14.146	0.98231	0.21687	0.42633	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.276	0.99133	0.21887	0.43024	0.79300
172	14.001	0.97224	0.21465	0.42196	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.071	0.97710	0.21572	0.42407	0.79300
187	14.076	0.97745	0.21580	0.42422	0.84400

SECTION 6 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 06:41:35.177 FAC 8X6X1 PGM C034 RDG 2221

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.427	1.1417	0.21632	0.42838	0.43400
37	9.9747	0.61705	0.11676	0.23154	0.53300
47	11.032	0.76677	0.14508	0.28770	0.63100
52	14.314	0.99625	0.18850	0.37381	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	12.881	0.89523	0.16939	0.33590	0.42200
67	13.005	0.90391	0.17103	0.33916	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	7.1044	0.49377	0.093426	0.18527	0.56400
82	36.431	2.5320	0.47908	0.95005	0.63500
87	14.314	0.99486	0.18824	0.37329	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.249	0.99035	0.18738	0.37159	-1.0000
-112	14.319	0.99521	0.18830	0.37342	-1.0000
-122	14.239	0.98966	0.18725	0.37133	-1.0000
-127	14.234	0.98931	0.18719	0.37120	-1.0000
-137	14.189	0.98619	0.18660	0.37003	-1.0000
-142	14.164	0.98445	0.18627	0.36938	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.249	0.99035	0.18738	0.37159	0.31900
112	14.319	0.99521	0.18830	0.37342	0.34000
122	14.239	0.98966	0.18725	0.37133	0.38600
127	14.234	0.98931	0.18719	0.37120	0.43200
137	14.189	0.98619	0.18660	0.37003	0.47800
142	14.164	0.98445	0.18627	0.36938	0.52200
152	14.344	0.99695	0.18863	0.37407	0.56300
157	14.129	0.98202	0.18581	0.36847	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.344	0.99695	0.18863	0.37407	-1.0000
-157	14.129	0.98202	0.18581	0.36847	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.254	0.99073	0.18745	0.37172	0.79300
172	13.964	0.97056	0.18364	0.36417	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.024	0.97473	0.18443	0.36573	0.79300
187	14.014	0.97542	0.18456	0.36599	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/08/79 06 :09.329 FAC 8X6X1 PGM C934 RDG 2222

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	19.913	1.3222	0.21909	0.42881	0.43400
37	13.865	0.75558	0.12520	0.24504	0.53300
47	12.904	0.89734	0.14869	0.29102	0.63100
52	14.338	0.99708	0.16521	0.32336	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	15.132	1.0523	0.17437	0.34127	0.42200
67	13.024	0.90570	0.15007	0.29372	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	12.169	0.84628	0.14023	0.27445	0.56600
82	41.478	2.8845	0.47795	0.93546	0.63500
92	14.338	0.99500	0.16487	0.32269	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.293	0.98770	0.16366	0.32032	-1.0000
-112	14.303	0.99465	0.16481	0.32257	-1.0000
-122	14.198	0.98735	0.16360	0.32020	-1.0000
-127	14.208	0.98805	0.16372	0.32043	-1.0000
-137	14.143	0.98353	0.16297	0.31896	-1.0000
-142	14.158	0.98110	0.16256	0.31817	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.293	0.98770	0.16366	0.32032	0.31900
112	14.303	0.99465	0.16481	0.32257	0.34000
122	14.198	0.98735	0.16360	0.32020	0.38600
127	14.208	0.98805	0.16372	0.32043	0.43200
137	14.143	0.98353	0.16297	0.31896	0.47800
142	14.108	0.98110	0.16256	0.31817	0.52200
152	14.338	0.99708	0.16521	0.32336	0.56300
157	14.088	0.97971	0.16233	0.31772	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAT

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.338	0.99708	0.16521	0.32336	-1.0000
-157	14.088	0.97971	0.16233	0.31772	-1.0000

>ADDITIONAL PRESSURE RATIOS , 25 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.273	0.99909	0.16389	0.32077	0.79200
172	13.968	0.96462	0.15883	0.31277	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.878	0.96512	0.15992	0.31299	0.79300
187	13.938	0.96651	0.16015	0.31344	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

RUN 44

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/08/79 06:44:40.384 FAC 8X6X1 PGM C034 RDG 2223

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.452	1.1429	0.21607	0.43073	0.43400
37	9.3986	0.65278	0.11831	0.23585	0.53300
47	11.127	0.77297	0.14614	0.29132	0.63100
52	14.335	0.99576	0.18826	0.37529	0.73200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.031	0.90519	0.17114	0.34115	0.42200
67	13.016	0.90415	0.17094	0.34076	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	5.3981	0.37505	0.070907	0.14135	0.56400
82	36.309	2.5222	0.47685	0.95058	0.63500
92	14.325	0.99507	0.18813	0.37502	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.250	0.98986	0.18714	0.37306	-1.0000
-112	14.325	0.99507	0.18813	0.37502	-1.0000
-122	14.235	0.98882	0.18695	0.37267	-1.0000
-127	14.235	0.98882	0.18695	0.37267	-1.0000
-137	14.185	0.98535	0.18629	0.37136	-1.0000
-142	14.160	0.98362	0.18596	0.37071	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.250	0.98986	0.18714	0.37306	0.31900
112	14.325	0.99507	0.18813	0.37502	0.34000
122	14.235	0.98882	0.18695	0.37267	0.38600
127	14.235	0.98882	0.18695	0.37267	0.43200
137	14.185	0.98535	0.18629	0.37136	0.47800
142	14.160	0.98362	0.18596	0.37071	0.52200
152	14.350	0.99680	0.18846	0.37568	0.56300
157	14.135	0.98188	0.18564	0.37005	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.350	0.99680	0.18846	0.37568	-1.0000
-157	14.135	0.98188	0.18564	0.37005	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.255	0.99021	0.18721	0.37319	0.79300
172	13.975	0.97078	0.18354	0.36587	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.215	0.97355	0.18406	0.36692	0.79300
187	14.320	0.97390	0.18413	0.36705	0.84400

>SPITTER 5 - MEASURED THRUST PARAMETERS

177

Run 45

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2224 TO 2264
TIME AND DATE PROCESSED 22:51:35 JUN 21 1979

NOZZLE TYPE	P+W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	C2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	17 DEG
EJECTOR INLET OPENING	MIDWAY

RDG	PO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2224	0.023	1.96	3.57	1.82	0.000	0.280	0.961	0.979	0.9129	0.9129	0.9129	0.9129	0.9157	******
2225	0.027	1.96	4.56	2.32	0.000	0.220	0.981	0.980	0.9378	0.9378	0.9378	0.9378	0.9398	******
2226	0.039	1.98	5.33	2.69	0.000	0.188	0.982	0.982	0.9485	0.9485	0.9485	0.9485	0.9502	******
2227	0.047	1.97	6.08	3.09	0.000	0.165	0.983	0.983	0.9636	0.9636	0.9636	0.9636	0.9651	******
2228	0.051	1.97	6.72	3.16	0.000	0.162	0.984	0.983	0.9644	0.9644	0.9644	0.9644	0.9658	******
2229	0.047	1.98	5.30	2.68	0.000	0.189	0.982	0.982	0.9472	0.9472	0.9472	0.9472	0.9489	******
2230	0.950	1.93	3.56	1.84	0.000	0.286	0.962	0.973	0.7007	0.7007	0.7097	0.7097	0.7124	******
2231	0.948	1.98	4.55	2.30	0.000	0.224	0.983	0.975	0.7783	0.7783	0.7847	0.7847	0.7867	******
2232	0.949	1.97	5.32	2.70	0.000	0.192	0.983	0.976	0.8260	0.8260	0.8311	0.8311	0.8328	******
2233	0.947	1.96	6.07	3.10	0.000	0.168	0.984	0.977	0.8626	0.8626	0.8669	0.8669	0.8683	******
2234	0.949	1.96	7.07	3.61	0.000	0.144	0.985	0.978	0.8898	0.8898	0.8934	0.8934	0.8947	******
2235	0.953	1.97	5.32	2.70	0.000	0.192	0.984	0.976	0.8257	0.8257	0.8308	0.8308	0.8325	******
2236	0.894	1.94	3.57	1.84	0.000	0.286	0.962	0.973	0.7789	0.7789	0.7869	0.7869	0.7896	******
2237	0.991	1.98	4.57	2.32	0.000	0.223	0.983	0.975	0.8305	0.8305	0.8361	0.8361	0.8381	******
2238	0.899	1.97	5.30	2.69	0.000	0.192	0.984	0.977	0.8667	0.8667	0.8713	0.8713	0.8730	******
2239	0.891	1.96	6.08	3.10	0.000	0.168	0.985	0.978	0.8941	0.8941	0.8980	0.8980	0.8994	******
2240	0.989	1.97	7.08	3.59	0.000	0.144	0.985	0.979	0.9182	0.9182	0.9213	0.9213	0.9226	******
2241	0.993	1.97	5.29	2.69	0.000	0.192	0.983	0.977	0.8648	0.8648	0.8695	0.8695	0.8711	******
2242	0.799	1.96	3.58	1.82	0.000	0.285	0.964	0.975	0.8135	0.8135	0.8201	0.8201	0.8228	******
2243	0.797	1.97	4.59	2.33	0.000	0.221	0.985	0.977	0.8610	0.8610	0.8655	0.8655	0.8675	******
2244	0.798	1.96	5.34	2.73	0.000	0.191	0.986	0.977	0.8907	0.8907	0.8944	0.8944	0.8960	******
2245	0.799	1.97	6.12	3.10	0.000	0.167	0.987	0.979	0.9120	0.9120	0.9151	0.9151	0.9165	******
2246	0.799	1.98	7.08	3.58	0.000	0.144	0.987	0.981	0.9337	0.9337	0.9362	0.9362	0.9375	******
2247	0.799	1.96	5.33	2.73	0.000	0.191	0.984	0.978	0.8909	0.8909	0.8946	0.8946	0.8963	******
2248	0.798	1.97	4.59	2.33	0.000	0.222	0.984	0.976	0.8619	0.8619	0.8664	0.8664	0.8684	******
2249	0.799	1.98	3.58	1.81	0.000	0.284	0.983	0.977	0.8339	0.8339	0.8390	0.8390	0.8419	******
2250	0.799	1.96	4.60	2.35	0.000	0.221	0.985	0.978	0.8744	0.8744	0.8780	0.8780	0.8800	******
2251	0.699	1.97	5.34	2.71	0.000	0.190	0.986	0.979	0.8997	0.8997	0.9026	0.9026	0.9043	******
2252	0.699	1.98	6.09	3.08	0.000	0.167	0.986	0.979	0.9232	0.9232	0.9257	0.9257	0.9272	******
2253	0.699	1.97	7.09	3.60	0.000	0.143	0.987	0.983	0.9409	0.9409	0.9429	0.9429	0.9442	******
2254	0.698	1.97	5.35	2.72	0.000	0.189	0.985	0.979	0.9022	0.9022	0.9051	0.9051	0.9068	******
2255	0.559	1.97	4.58	2.32	0.000	0.222	0.985	0.979	0.8549	0.8549	0.8583	0.8583	0.8611	******
2256	0.561	1.97	4.58	2.32	0.000	0.221	0.986	0.980	0.8920	0.8920	0.8944	0.8944	0.8964	******
2257	0.560	1.98	5.35	2.70	0.000	0.189	0.987	0.980	0.9160	0.9160	0.9179	0.9179	0.9196	******
2258	0.560	1.97	6.01	3.05	0.000	0.169	0.987	0.981	0.9328	0.9328	0.9345	0.9345	0.9360	******
2259	0.561	1.98	5.35	2.70	0.000	0.189	0.987	0.981	0.9173	0.9173	0.9192	0.9192	0.9209	******
2260	0.360	1.97	3.60	1.82	0.000	0.280	0.962	0.979	0.8888	0.8888	0.8903	0.8903	0.8931	******
2261	0.361	1.97	4.61	2.33	0.000	0.218	0.964	0.980	0.9205	0.9205	0.9216	0.9216	0.9236	******

NASA-LEWIS PRELIMINARY DATA CADDF-II FACILITY 0XEX1 PROGRAM C03F RDGS 2224 TO 2264 RUN 45 CONT.
TIME AND DATE PROCESSED 22:51:35 JUN 21 1979

NOZZLE TYPE	P+W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	C2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	17 DEG
EJECTOR INLET OPENING	MIDWAY

RDG	M0	PTF/PTP	PTF/P0	PTP/P0	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2262	0.360	1.98	5.37	2.72	0.000	0.187	0.964	0.981	0.9394	0.9394	0.9402	0.9402	0.9419	******
2263	0.358	1.97	5.84	3.00	0.000	0.170	0.965	0.982	0.9494	0.9494	0.9501	0.9501	0.9516	******
2264	0.361	1.98	5.38	2.72	0.000	0.187	0.964	0.981	0.9378	0.9378	0.9387	0.9387	0.9403	******

ORIGINAL PAGE IS
OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/13/79 23:36:31.177 FAC BX6X1 PGM C034 RDG 2224

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	11.060	0.77235	0.21616	0.42464	0.43400
37	5.9185	0.41332	0.11568	0.22724	0.53300
47	10.341	0.72217	0.20211	0.39705	0.63100
52	14.252	0.99532	0.27856	0.54723	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.6343	0.60298	0.16876	0.33152	0.42200
67	6.9184	0.48329	0.11763	0.23108	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	17.425	1.2169	0.34056	0.66902	0.50800
82	23.374	1.6324	0.45685	0.89746	0.58300
92	14.252	0.99532	0.27856	0.54723	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.188	0.99080	0.27729	0.54474	-1.0000
-112	14.267	0.99637	0.27885	0.54780	-1.0000
-122	14.148	0.98801	0.27651	0.54320	-1.0000
-127	14.153	0.98836	0.27661	0.54340	-1.0000
-137	14.023	0.97930	0.27408	0.53842	-1.0000
-142	13.614	0.95074	0.26608	0.52271	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUSELAGE INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.188	0.99080	0.27729	0.54474	0.39800
112	14.267	0.99637	0.27885	0.54780	0.43100
122	14.148	0.98801	0.27651	0.54320	0.44900
127	14.153	0.98836	0.27661	0.54340	0.48600
137	14.023	0.97930	0.27408	0.53842	0.52200
142	13.614	0.95074	0.26608	0.52271	0.58800
-152	14.272	0.99672	0.27895	0.54799	1.0000
-157	14.267	0.99637	0.27885	0.54780	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE ITAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	14.272	0.99672	0.27895	0.54799	0.46300
157	14.267	0.99637	0.27885	0.54780	0.49500

>ADDITIONAL PRESSURE RATIOS , 70 DEG SWITCH LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.904	0.96397	0.26979	0.52999	0.79300
172	13.035	0.90823	0.25419	0.49934	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.275	0.92705	0.25945	0.50969	0.79300
187	14.272	0.99672	0.27895	0.54799	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.19[illegible]	0.99696	0.21646	0.42511	0.43400
37	7.5645	0.52862	0.11605	0.22792	0.53300
47	9.6502	0.67427	0.14805	0.29077	0.63100
52	14.249	0.99[illegible]	0.21860	0.42932	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	10.987	0.76779	0.16856	0.33105	0.42200
67	7.7841	0.54396	0.11942	0.23454	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	21.867	1.5281	0.33547	0.65886	0.50800
82	13.097	0.91522	0.20093	0.39461	0.56300
87	14.244	0.99537	0.21852	0.42917	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.164	0.98979	0.21730	0.42677	-1.0000
-112	14.264	0.99676	0.21883	0.42977	-1.0000
-122	14.119	0.98666	0.21661	0.42542	-1.0000
-127	14.124	0.98701	0.21669	0.42557	-1.0000
-132	14.019	0.97969	0.21508	0.42241	-1.0000
-142	13.625	0.95216	0.20904	0.41054	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.164	0.98979	0.21730	0.42677	0.39800
112	14.264	0.99676	0.21883	0.42977	0.43100
122	14.119	0.98666	0.21661	0.42542	0.44900
127	14.124	0.98701	0.21669	0.42557	0.48600
132	14.019	0.97969	0.21508	0.42241	0.52200
142	13.625	0.95216	0.20904	0.41054	0.58900
-152	14.259	0.99641	0.21875	0.42962	-1.0000
-157	14.264	0.99676	0.21883	0.42977	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.259	0.99641	0.21875	0.42962	0.46300
157	14.264	0.99676	0.21883	0.42977	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.720	0.95878	0.21049	0.41340	0.79300
172	13.201	0.92254	0.20253	0.39777	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.411	0.93717	0.20575	0.40408	0.79300
187	14.264	0.99676	0.21883	0.42977	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.343	1.1429	0.21459	0.42481	0.43400
37	8.7721	0.61347	0.11518	0.22802	0.53300
47	11.183	0.78198	0.14682	0.29065	0.63100
52	14.254	0.99682	0.18715	0.37051	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.773	0.89326	0.16771	0.33201	0.42200
67	9.0115	0.63022	0.11832	0.23424	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.656	1.7943	0.33687	0.66640	0.50800
82	12.653	0.88487	0.16614	0.32890	0.58300
92	14.239	0.99578	0.18698	0.37012	0.67000

~~ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.139	0.98880	0.18565	0.36752	-1.0000
-112	14.264	0.99757	0.18729	0.37076	-1.0000
-122	14.084	0.98497	0.18493	0.36610	-1.0000
-127	14.099	0.98601	0.18512	0.36649	-1.0000
-137	13.974	0.97729	0.18349	0.36325	-1.0000
-142	13.546	0.94730	0.17786	0.35210	-1.0000

ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.139	0.98880	0.18565	0.36752	0.39800
112	14.264	0.99757	0.18729	0.37076	0.43100
122	14.084	0.98497	0.18493	0.36610	0.44900
127	14.099	0.98601	0.18512	0.36649	0.48600
137	13.974	0.97729	0.18349	0.36325	0.52200
142	13.546	0.94730	0.17786	0.35210	0.58800
~~152~~	~~14.259~~	~~0.99717~~	~~0.18722~~	~~0.37063~~	~~1.0000~~
~~157~~	~~14.264~~	~~0.99752~~	~~0.18729~~	~~0.37076~~	~~-1.0000~~

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.259	0.99717	0.18722	0.37063	0.46300
157	14.264	0.99752	0.18729	0.37076	0.49500

ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.580	0.94974	0.17832	0.35301	0.79300
172	12.907	0.90264	0.17065	0.33784	0.84400

ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.251	0.92673	0.17399	0.34445	0.79300
187	14.259	0.99717	0.18722	0.37063	0.84400

ADDITIONAL , MEASURED THRUST PARAMETERS

Rev 5

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/13/79 23:41:02.345 FAC 9X6X1 PGM C034 RDG 2227

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	18.768	1.3132	0.21608	0.42518	0.43400
37	10.153	0.71047	0.11689	0.23001	0.53300
47	12.863	0.90006	0.14809	0.29139	0.63100
52	14.259	0.99781	0.16417	0.32303	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	14.753	1.0324	0.16986	0.33422	0.42200
67	10.313	0.72165	0.11873	0.23363	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	29.474	2.0624	0.33933	0.66769	0.50800
82	13.433	0.94021	0.15469	0.30438	0.58300
87	14.244	0.99676	0.16400	0.32269	0.67000

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
~~-107~~	~~14.120~~	~~0.98803~~	~~0.16256~~	~~0.31987~~	~~-1.0000~~
-113	14.269	0.99851	0.16429	0.32326	-1.0000
-122	14.075	0.98489	0.16205	0.31885	-1.0000
-127	14.000	0.98594	0.16222	0.31919	-1.0000
-137	13.965	0.97721	0.16078	0.31636	-1.0000
~~-142~~	13. 56	0.94859	0.15607	0.30710	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.120	0.98803	0.16256	0.31987	0.39800
113	14.269	0.99851	0.16429	0.32326	0.43100
122	14.075	0.98489	0.16205	0.31885	0.44900
127	14.090	0.98594	0.16222	0.31919	0.48600
137	13.965	0.97721	0.16078	0.31636	0.52200
142	13.546	0.94859	0.15607	0.30710	0.58900
~~152~~	~~14.269~~	~~0.99851~~	~~0.16429~~	~~0.32326~~	~~-1.0000~~
~~-157~~	~~14.269~~	~~0.99851~~	~~0.16429~~	~~0.32326~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	14.269	0.99851	0.16429	0.32326	0.46300
157	14.269	0.99851	0.16429	0.32326	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	13.511	0.94545	0.15556	0.30608	0.79300
172	13.132	0.91889	0.15086	0.29681	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	13.327	0.93253	0.15343	0.30190	0.79300
187	14.269	0.99851	0.16429	0.32326	0.84400

>SECTION 6 , MEASURED THRUST AS AMETERS

183

DATA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/13/79 23:42:06.471 FAC RX6X1 PGM C034 RDG 2228

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	15.156	1.3417	0.21568	0.42465	0.42400
37	10.431	0.72796	0.11711	0.23058	0.53300
42	13.344	0.41991	0.14799	0.29138	0.63100
52	14.241	0.99668	0.16034	0.31569	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	15.068	1.0546	0.16966	0.33404	0.42200
67	10.536	0.73529	0.11929	0.23290	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	30.148	2.1101	0.33946	0.66835	0.50800
82	13.553	0.94853	0.15259	0.30044	0.58300
92	14.226	0.99563	0.16017	0.31536	0.67000

ADDITIONAL PRESSURE RATIOS , FIXATER SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.106	0.98726	0.15883	0.31271	-1.0000
-112	14.261	0.99807	0.16057	0.31613	-1.0000
-122	14.061	0.98412	0.15832	0.31171	-1.0000
-127	14.081	0.98551	0.15854	0.31215	-1.0000
-137	13.952	0.97644	0.15708	0.30928	-1.0000
-142	13.553	0.94853	0.15259	0.30044	-1.0000

ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.106	0.98726	0.15983	0.31271	0.39800
112	14.261	0.99807	0.16057	0.31613	0.43100
122	14.061	0.98412	0.15832	0.31171	0.44900
127	14.081	0.98551	0.15854	0.31215	0.48600
137	13.952	0.97644	0.15708	0.30928	0.52200
142	13.553	0.94853	0.15259	0.30044	0.58800
147	14.241	0.99734	0.16045	0.31591	1.0000
147	14.241	0.99734	0.16045	0.31591	1.0000

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.241	0.99738	0.16045	0.31591	0.46300
157	14.251	0.99738	0.16045	0.31591	0.49500

ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.458	0.94190	0.15153	0.29834	0.79300
172	13.109	0.91747	0.14760	0.29060	0.84400

ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.323	0.93247	0.15001	0.29535	0.79300
187	14.261	0.99807	0.16057	0.31613	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/13/79 22:44:13.935 FAC 8X6X1 PGM C034 PDG 2229

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.265	1.1378	0.21460	0.42523	0.43400
37	8.7679	0.61330	0.11569	0.22923	0.52300
42	11.163	0.78092	0.14728	0.29184	0.63100
52	14.240	0.99621	0.18789	0.37230	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.699	0.88840	0.16755	0.33201	0.42200
67	8.9525	0.62630	0.11812	0.23406	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.459	1.7811	0.33592	0.66562	0.50800
82	12.614	0.88247	0.16644	0.32979	0.58300
92	14.225	0.99516	0.18769	0.37191	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	P	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.125	0.98819	0.18637	0.36930	-1.0000
-112	14.255	0.99726	0.18809	0.37269	-1.0000
-122	14.076	0.98470	0.18572	0.36800	-1.0000
-127	14.190	0.99574	0.18791	0.36839	-1.0000
-137	13.956	0.97632	0.18414	0.36487	-1.0000
-142	13.617	0.94562	0.17835	0.35340	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.125	0.98819	0.18637	0.36930	0.39800
112	14.255	0.99726	0.18809	0.37269	0.43100
122	14.076	0.98470	0.18572	0.36800	0.44900
127	14.190	0.99574	0.18591	0.36839	0.48600
137	13.956	0.97632	0.18414	0.36487	0.52200
142	13.617	0.94562	0.17835	0.35340	0.58800
-152	14.255	0.99726	0.18809	0.37269	-1.0000
-157	14.255	0.99726	0.18809	0.37269	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.255	0.99726	0.18809	0.37269	0.46300
157	14.255	0.99726	0.18809	0.37269	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.352	0.93411	0.17618	0.34909	0.79300
172	12.983	0.90829	0.17131	0.33944	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.223	0.92504	0.17446	0.34570	0.79300
187	14.250	0.99691	0.18802	0.37256	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN-5

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/14/79 00:27:38.186 FAC 8X6X1 PGM C034 RDG 2230

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	7.2042	0.77994	0.21882	0.42298	0.43400
37	7.1840	0.78943	0.22428	0.43353	0.53300
47	7.4988	0.81184	0.22777	0.44028	0.63100
52	9.3562	1.0129	0.28419	0.54933	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	6.6909	0.61610	0.17286	0.33413	0.42200
67	7.5837	0.82103	0.23035	0.44526	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.938	1.1950	0.33528	0.64809	0.50800
82	10.993	1.1902	0.33392	0.64546	0.58300
92	9.3862	1.0162	0.28510	0.55109	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR PRIMARY

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	5.9806	0.64747	0.18165	0.35113	-1.0000
-112	9.3662	1.0140	0.28449	0.54991	-1.0000
-122	6.5500	0.70911	0.19895	0.38457	-1.0000
-127	7.4439	0.80586	0.22610	0.43705	-1.0000
-132	7.4939	0.81022	0.22732	0.43940	-1.0000
-142	7.7386	0.83454	0.23414	0.45259	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	5.9806	0.64747	0.18165	0.35113	0.39800
112	9.3662	1.0140	0.28449	0.54991	0.43100
122	6.5500	0.70911	0.19895	0.38457	0.44900
127	7.4439	0.80586	0.22610	0.43705	0.48600
132	7.4939	0.81022	0.22732	0.43940	0.52200
142	7.7386	0.83454	0.23414	0.45259	0.58800
147	9.3612	1.0135	0.28434	0.54962	-1.0000
152	9.3612	1.0135	0.28434	0.54962	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
162	9.3612	1.0135	0.28434	0.54962	0.46300
157	9.3612	1.0135	0.28434	0.54962	0.49500

>ADDITIONAL PRESSURE RATIOS , 90 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.964	1.1761	0.32998	0.63784	0.79300
172	8.9670	0.95995	0.26933	0.52060	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.6258	1.0421	0.29238	0.56515	0.79300
187	9.3612	1.0135	0.28434	0.54962	0.84400

>>>

FILM#

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFIT REC 11/14/79 00:28:29.414 FAP 9X6X1 PGM C034 RDG 2231

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUCT

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	9.3259	0.97423	0.21399	0.42288	0.43400
37	4.9996	0.52454	0.11522	0.22768	0.53300
47	6.1589	0.66477	0.14602	0.28865	0.63100
52	9.3804	1.0125	0.22240	0.43949	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	7.0839	0.76452	0.16793	0.33185	0.42200
67	4.9046	0.52939	0.11628	0.22979	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	13.799	1.4894	0.32715	0.64649	0.50800
82	7.9271	0.85564	0.18794	0.37140	0.58300
92	9.4304	1.0147	0.22287	0.44043	0.67000

~~>ADDITIONAL PRESSURE RATIOS , SPLITTER SHROUD~~

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	5.9839	0.64589	0.14187	0.28036	-1.0000
-112	9.3604	1.0103	0.22192	0.43856	-1.0000
-122	6.4485	0.69604	0.15289	0.30213	-1.0000
-127	7.3927	0.79795	0.17527	0.34636	-1.0000
-137	7.4426	0.80334	0.17646	0.34870	-1.0000
-142	7.6774	0.82868	0.18202	0.35970	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	5.9839	0.64589	0.14187	0.28036	0.39800
112	9.3604	1.0103	0.22192	0.43856	0.43100
122	6.4485	0.69604	0.15289	0.30213	0.44900
127	7.3927	0.79795	0.17527	0.34636	0.48600
137	7.4426	0.80334	0.17646	0.34870	0.52200
142	7.6774	0.82868	0.18202	0.35970	0.58800
~~152~~	~~9.3744~~	~~1.0120~~	~~0.22228~~	~~0.43926~~	~~-1.0000~~
~~157~~	~~9.3804~~	~~1.0125~~	~~0.22240~~	~~0.43949~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	9.3754	1.0120	0.22228	0.43926	0.46300
157	9.3804	1.0125	0.22240	0.43949	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SURFACE LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.704	1.1553	0.25377	0.50149	0.79300
172	8.9999	0.97046	0.21316	0.42124	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SURFACE LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	9.6650	1.0432	0.22915	0.45283	0.79300
187	9.3754	1.0120	0.22228	0.43926	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
32	13.513	1.1371	0.21361	0.42177	0.43400
37	5.6672	0.61990	0.11474	0.22656	0.53300
47	7.1146	0.77709	0.14558	0.28824	0.63100
52	9.3554	1.0119	0.19009	0.37533	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
62	8.2137	0.88829	0.16687	0.32949	0.42200
67	5.7221	0.61890	0.11627	0.22957	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
77	16.084	1.7396	0.32680	0.64526	0.50800
82	7.9881	0.86400	0.16231	0.32048	0.58300
87	9.3803	1.0146	0.19060	0.37633	0.67000

>ADDITIONAL PRESSURE RATIOS , PSEUDO SHROUD

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
-107	5.9767	0.64644	0.12144	0.23978	-1.0000
-112	9.3554	1.0119	0.19009	0.37533	-1.0000
-122	6.4559	0.69827	0.13118	0.25901	-1.0000
-127	7.3943	0.79976	0.15024	0.29665	-1.0000
-137	7.4242	0.80300	0.15085	0.29785	-1.0000
-142	7.6638	0.82891	0.15572	0.30746	-1.0000

>ADDITIONAL PRESSURE RATIOS , EMPENNAGE INLET

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
107	5.9767	0.64644	0.12144	0.23978	0.39800
112	9.3554	1.0119	0.19009	0.37533	0.43100
122	6.4559	0.69827	0.13118	0.25901	0.44900
127	7.3943	0.79976	0.15024	0.29665	0.48600
137	7.4242	0.80300	0.15085	0.29785	0.52200
142	7.6638	0.82891	0.15572	0.30746	0.58800
152	9.3554	1.0119	0.19009	0.37533	-1.0000
157	9.3554	1.0119	0.19009	0.37533	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
162	9.3554	1.0119	0.19009	0.37533	0.46300
167	9.3554	1.0119	0.19009	0.37533	0.49500

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
167	10.538	1.1398	0.21411	0.42277	0.79300
172	8.9213	0.96493	0.18127	0.35791	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
182	9.6198	1.0405	0.19546	0.38594	0.79300
187	9.3506	1.0113	0.18999	0.37513	0.84400

>SECTION C , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.130	1.3095	0.21575	0.42236	0.43400
37	6.5191	0.70375	0.11595	0.22699	0.53300
47	8.2867	0.89457	0.14739	0.28854	0.63100
52	9.3650	1.0110	0.16657	0.32608	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	L	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.4648	1.0218	0.16835	0.32956	0.42200
67	6.6389	0.71669	0.11808	0.23116	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	18.466	1.9935	0.32844	0.64298	0.50800
82	8.2118	0.88649	0.14606	0.28593	0.58300
92	9.3049	1.0142	0.16710	0.32713	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	5.9897	0.64660	0.10654	0.20856	-1.0000
-112	9.3800	1.0126	0.16684	0.32661	-1.0000
-122	6.4591	0.69728	0.11489	0.22490	-1.0000
-127	7.3979	0.79863	0.13158	0.25759	-1.0000
-137	7.4429	0.80348	0.13238	0.25916	-1.0000
-142	7.6925	0.83043	0.13682	0.26785	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	5.9897	0.64660	0.10654	0.20856	0.39800
112	9.3800	1.0126	0.16684	0.32661	0.43100
122	6.4591	0.69728	0.11489	0.22490	0.44900
127	7.3979	0.79863	0.13158	0.25759	0.48600
132	7.4429	0.80348	0.13238	0.25916	0.52200
142	7.6925	0.83043	0.13682	0.26785	0.58800
152	9.3899	1.0137	0.16701	0.32695	-1.0000
157	9.3899	1.0137	0.16701	0.32695	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	9.3899	1.0137	0.16701	0.32695	0.46300
157	9.3899	1.0137	0.16701	0.32695	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.343	1.1166	0.18397	0.36015	0.79300
172	8.9307	0.96409	0.15885	0.31096	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.6295	1.3395	0.17128	0.33530	0.79300
187	9.3811	1.0126	0.16694	0.32661	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 00:33:40.923 FAC 8X6X1 PGM C034 RDG 2234

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.033	1.5260	0.21591	0.42325	0.43400
37	7.5698	0.81969	0.11597	0.22734	0.73300
47	9.6183	1.0415	0.14736	0.28886	0.63100
52	9.3535	1.0129	0.14330	0.28091	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
65	10.977	1.1886	0.16817	0.32966	0.42200
67	7.7597	0.84025	0.11888	0.23304	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	21.542	2.3326	0.33003	0.64695	0.50800
82	9.2536	1.0020	0.14177	0.27791	0.58200
92	9.3835	1.0161	0.14376	0.28181	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	5.9756	0.64706	0.091549	0.17946	-1.0000
-112	9.3485	1.0123	0.14322	0.28076	-1.0000
-122	6.3055	0.68278	0.096603	0.18937	-1.0000
-127	7.7951	0.78993	0.11176	0.21909	-1.0000
-137	7.3450	0.79534	0.11253	0.22059	-1.0000
-142	7.5948	0.82239	0.11636	0.22809	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	5.9756	0.64706	0.091549	0.17946	0.39800
112	9.3485	1.0123	0.14322	0.28076	0.43100
122	6.3055	0.68278	0.096603	0.18937	0.44900
127	7.7951	0.78993	0.11176	0.21909	0.48600
137	7.3450	0.79534	0.11253	0.22059	0.52200
142	7.5948	0.82239	0.11636	0.22809	0.58800
152	9.3485	1.0118	0.14315	0.28061	1.0000
157	9.3485	1.0123	0.14322	0.28076	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAN

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.3435	1.0118	0.14315	0.28061	0.46300
157	9.3485	1.0123	0.14322	0.28076	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.068	1.0902	0.15425	0.30236	0.79300
172	8.8789	0.96144	0.13603	0.26666	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.6033	1.0399	0.14717	0.28841	0.79300
187	9.3435	1.0118	0.14315	0.28061	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.549	1.1421	0.21451	0.42272	0.43400
37	5.6845	0.61544	0.11559	0.22779	0.53300
47	7.2132	0.78095	0.14667	0.28905	0.63100
52	9.3458	1.0119	0.19004	0.37450	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.2421	0.89235	0.16759	0.33028	0.42200
67	5.7894	0.62680	0.11772	0.23199	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	16.050	1.7377	0.32635	0.64314	0.50800
82	7.9724	0.86315	0.16211	0.31947	0.58300
92	9.3457	1.0162	0.19085	0.37610	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	5.9843	0.64790	0.12168	0.23980	-1.0000
-112	9.3608	1.0135	0.19034	0.37510	-1.0000
-122	6.4639	0.69982	0.13144	0.25902	-1.0000
-127	7.3930	0.80042	0.15033	0.29625	-1.0000
-137	7.4430	0.80583	0.15135	0.29825	-1.0000
-142	7.6777	0.83125	0.15612	0.30766	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	5.9843	0.64790	0.12168	0.23980	0.39800
112	9.3608	1.0135	0.19034	0.37510	0.43100
122	6.4639	0.69982	0.13144	0.25902	0.44900
127	7.3930	0.80042	0.15033	0.29625	0.48600
137	7.4430	0.80583	0.15135	0.29825	0.52200
142	7.6777	0.83125	0.15612	0.30766	0.58800
152	9.3708	1.0145	0.19054	0.37550	-1.0000
157	9.3658	1.0140	0.19044	0.37530	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	9.3708	1.0145	0.19054	0.37550	0.46300
157	9.3658	1.0140	0.19044	0.37530	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.9550	1.0778	0.20242	0.39891	0.79300
172	8.9413	0.96805	0.18181	0.35829	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.6354	1.0432	0.19593	0.38611	0.79300
187	9.3658	1.0140	0.19044	0.37530	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	7.6935	0.77802	0.21786	0.42318	0.43400
37	8.2229	0.83156	0.23285	0.45230	0.53300
41	8.2329	0.83257	0.23313	0.45285	0.63100
52	10.006	1.0119	0.28334	0.55037	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	6.0698	0.61382	0.17188	0.33387	0.42200
67	8.6075	0.87046	0.24374	0.47346	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	11.883	1.2017	0.33650	0.65364	0.50800
82	14.504	1.4667	0.41071	0.79779	0.58300
92	10.026	1.0139	0.28390	0.55147	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.6144	0.66890	0.18730	0.36383	-1.0000
-112	10.026	1.0139	0.28390	0.55147	-1.0000
-122	7.2689	0.73508	0.20583	0.39983	-1.0000
-127	8.3378	0.84318	0.23610	0.45862	-1.0000
-137	8.7124	0.88106	0.24671	0.47923	-1.0000
-142	8.9821	0.90834	0.25435	0.49406	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.6144	0.66890	0.18730	0.36383	0.39800
112	10.026	1.0139	0.28390	0.55147	0.43100
122	7.2689	0.73508	0.20583	0.39983	0.44900
127	8.3378	0.84318	0.23610	0.45862	0.48600
137	8.7124	0.88106	0.24671	0.47923	0.52200
142	8.9821	0.90834	0.25435	0.49406	0.58800
152	10.031	1.0144	0.28405	0.55175	1.0000
157	10.036	1.0149	0.28419	0.55207	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	10.031	1.0144	0.28405	0.55175	0.46300
157	10.036	1.0149	0.28419	0.55207	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	9.9809	1.0093	0.28263	0.54900	0.79300
172	9.8311	0.99115	0.27754	0.53911	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	10.331	1.0346	0.28970	0.56273	0.79300
187	10.036	1.0149	0.28419	0.55202	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 00:42:10.843 FAC 8X6X1 PGM C034 RDG 2237

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	9.6883	0.97864	0.21398	0.42267	0.43400
37	5.2114	0.52642	0.11510	0.22736	0.53300
47	6.6292	0.66963	0.14641	0.28921	0.63100
52	10.013	1.0114	0.22114	0.43682	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	7.5775	0.76542	0.16736	0.33059	0.42200
67	5.2763	0.53297	0.11653	0.23019	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.866	1.6016	0.32832	0.64855	0.50800
82	9.2442	0.93378	0.20417	0.40330	0.58300
87	10.018	1.0119	0.22125	0.43704	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	6.5094	0.65753	0.14377	0.28399	-1.0000
-112	9.9826	1.0084	0.22048	0.43552	-1.0000
-122	7.1932	0.72660	0.15887	0.31382	-1.0000
-127	8.1065	0.81886	0.17904	0.35367	-1.0000
-137	8.4907	0.85767	0.18753	0.37043	-1.0000
-142	8.8500	0.89397	0.19546	0.38610	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	6.5094	0.65753	0.14377	0.28399	0.39800
112	9.9826	1.0084	0.22048	0.43552	0.43100
122	7.1932	0.72660	0.15887	0.31382	0.44900
127	8.1065	0.81886	0.17904	0.35367	0.48600
137	8.4907	0.85767	0.18753	0.37043	0.52200
142	8.8500	0.89397	0.19546	0.38610	0.58800
152	9.9826	1.0084	0.22048	0.43552	-1.0000
157	9.9826	1.0084	0.22048	0.43552	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	9.9826	1.0084	0.22048	0.43552	0.46300
157	9.9826	1.0084	0.22048	0.43552	0.49500

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	9.9776	1.0079	0.22037	0.43530	0.79300
172	9.8980	0.99974	0.21663	0.42790	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.297	1.0311	0.22544	0.44531	0.79300
172	9.9776	1.0194	0.22070	0.43595	0.84400

SECTION 5 . MEASURED THRUST PARAMETERS

BEST AVAILABLE COPY

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 00:43:33.184 FAC 8X6X1 PGM C034 PLT 7238

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	11.301	1.1379	0.21452	0.42356	0.43400
37	6.0772	0.61190	0.11536	0.22777	0.53300
47	7.7507	0.77839	0.14674	0.28974	0.63100
52	10.058	1.0127	0.19092	0.37696	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	8.8195	0.88802	0.16741	0.33055	0.42200
67	6.1771	0.62196	0.11725	0.23151	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	17.326	1.7445	0.32887	0.64934	0.50800
82	9.3443	0.91065	0.17168	0.33897	0.58300
92	10.058	1.0127	0.19092	0.37696	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.6218	0.66673	0.12569	0.24818	-1.0000
-112	10.033	1.0102	0.19044	0.37602	-1.0000
-122	7.2062	0.72558	0.13679	0.27008	-1.0000
-127	8.2652	0.83220	0.15689	0.30977	-1.0000
-137	8.6447	0.87042	0.16409	0.32399	-1.0000
-142	8.9194	0.89808	0.16931	0.33429	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.6218	0.66673	0.12569	0.24818	0.39800
112	10.033	1.0102	0.19044	0.37602	0.43100
122	7.2062	0.72558	0.13679	0.27008	0.44900
127	8.2652	0.83220	0.15689	0.30977	0.48600
137	8.6447	0.87042	0.16409	0.32399	0.52200
142	8.9194	0.89808	0.16931	0.33429	0.58800
-152	10.038	1.0107	0.19054	0.37621	-1.0000
-157	10.038	1.0107	0.19054	0.37621	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	10.038	1.0107	0.19054	0.37621	0.46300
157	10.038	1.0107	0.19054	0.37621	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.013	1.0082	0.19006	0.37528	0.79300
172	9.9132	0.99813	0.18817	0.37153	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	10.248	1.0318	0.19452	0.38407	0.79300
187	10.048	1.0117	0.19077	0.37669	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

[illegible] PRELIMINARY DATA 04/21/7[illegible] CASE#11 REF 11/14/79 08:46:21.894 FAC 8X6X1 PGM C934 ROG 7240

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
42	15.434	1.5219	0.21469	0.42312	0.43400
47	8.1147	0.81932	0.11564	0.22792	0.53900
47	10.369	1.0283	0.14654	0.28885	0.63100
52	10.341	1.0132	0.14309	0.28185	0.72400

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
42	11.762	1.1869	0.16751	0.33018	0.42200
47	8.3293	0.84047	0.11863	0.23381	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	23.316	2.3527	0.33207	0.65446	0.50400
82	9.9759	1.0066	0.14208	0.28003	0.58300
87	10.341	1.0132	0.14300	0.28185	0.67000

ADDITIONAL PRESSURE RATIOS , FIXED SWEEP

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.7571	0.68183	0.096236	0.18968	-1.0000
-112	10.326	1.0117	0.14279	0.28143	-1.0000
-122	7.4110	0.74781	0.10555	0.20803	-1.0000
-127	8.5279	0.86061	0.12147	0.23941	-1.0000
-132	8.8133	0.88931	0.12552	0.24739	-1.0000
-142	9.3379	0.94197	0.13297	0.26203	-1.0000

ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.7571	0.68183	0.096236	0.18968	0.39800
112	10.326	1.0117	0.14279	0.28143	0.43100
122	7.4110	0.74781	0.10555	0.20803	0.44400
127	8.5279	0.86061	0.12147	0.23941	0.45800
132	8.8133	0.88931	0.12552	0.24739	0.52200
142	9.3379	0.94197	0.13297	0.26203	0.58800
-152	10.326	1.0117	0.14279	0.28143	-1.0000
-157	10.326	1.0117	0.14279	0.28143	-1.0000

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	10.326	1.0117	0.14279	0.28143	0.46300
157	10.326	1.0117	0.14279	0.28143	0.49500

ADDITIONAL PRESSURE RATIOS , 90 DEG SWIRL INTENSITY

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.356	1.0147	0.14322	0.28227	0.79300
172	9.9359	1.0371	0.14215	0.28017	0.84400

ADDITIONAL PRESSURE RATIOS , NO DEG SWIRL INTENSITY

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	10.245	1.0038	0.14492	0.28459	0.79300
187	10.331	1.0122	0.14277	0.28129	0.84400

[illegible] PRESSURE RATIOS , TURBINE PARAMETERS

ADDITIONAL PRESSURE RATIOS , PRIMARY MIXER

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	15.474	1.5710	0.21468	0.42312	0.[illegible]400
37	6.1147	0.81932	0.11544	0.22772	0.[illegible]350
42	10.[illegible]59	1.[illegible]83	0.14656	0.28886	0.[illegible]100
52	10.341	1.0132	0.14309	0.28185	0.72400

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	11.762	1.1868	0.16751	0.33016	0.42200
67	8.3293	0.84047	0.11863	0.23381	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	23.316	2.3527	0.33207	0.65446	0.50400
82	9.9759	1.0066	0.14208	0.28003	0.58300
52	10.341	1.0132	0.14300	0.28185	0.67000

ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-102	6.7571	0.68183	0.096236	0.18968	-1.0000
-112	10.026	1.0117	0.14278	0.28143	-1.0000
-122	7.4110	0.74781	0.10555	0.20803	-1.0000
-127	8.5289	0.86061	0.12147	0.23941	-1.0000
-132	8.8133	0.88931	0.12552	0.24739	-1.0000
-142	9.0379	0.91197	0.12872	0.25373	-1.0000

ADDITIONAL PRESSURE RATIOS , FOUNTAIN INLET

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
102	6.7571	0.68183	0.096236	0.18968	0.39800
112	10.026	1.0117	0.14278	0.28143	0.43100
122	7.4110	0.74781	0.10555	0.20803	0.44900
127	8.5289	0.86061	0.12147	0.23941	0.48600
132	8.8133	0.88931	0.12552	0.24739	0.52200
142	9.0379	0.91197	0.12872	0.25373	0.58800
-152	10.026	1.0117	0.14278	0.28143	-1.0000
-162	10.026	1.0117	0.14278	0.28143	-1.0000

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	10.026	1.0117	0.14278	0.28143	0.46300
157	10.026	1.0117	0.14278	0.28143	0.49500

ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD EXTENSION

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.056	1.0147	0.14322	0.28227	0.79300
177	9.9859	1.0071	0.14215	0.28017	0.84400

ADDITIONAL PRESSURE RATIOS , NO DEG SHROUD EXTENSION

AVG NODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	10.245	1.0338	0.14592	0.28759	0.79300
187	10.031	1.0117	0.14277	0.28139	0.84400

[illegible] PERFORMANCE PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
32	11.240	1.1388	0.21531	0.42343	0.43400
37	6.0576	0.61371	0.11604	0.22819	0.53300
47	7.6933	0.77983	0.14744	0.28996	0.63100
52	9.9761	1.0107	0.19110	0.37581	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
62	8.7668	0.88819	0.16793	0.33025	0.42200
67	6.1876	0.62688	0.11853	0.23309	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
77	17.124	1.7349	0.32801	0.64507	0.50800
82	8.9867	0.91047	0.17214	0.33854	0.58300
92	9.9961	1.0127	0.19148	0.37656	0.67000

>ADDITIONAL PRESSURE RATIOS , SPLITTER SHROUD

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
-107	6.5026	0.65879	0.12456	0.24496	-1.0000
-112	9.9761	1.0107	0.19110	0.37581	-1.0000
-122	7.2124	0.73071	0.13816	0.27170	-1.0000
-127	8.0771	0.81832	0.15472	0.30427	-1.0000
-137	8.4670	0.85781	0.16219	0.31896	-1.0000
-142	8.8318	0.89477	0.16918	0.33270	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
107	6.5026	0.65879	0.12456	0.24496	0.39800
112	9.9761	1.0107	0.19110	0.37581	0.43100
122	7.2124	0.73071	0.13816	0.27170	0.44900
127	8.0771	0.81832	0.15472	0.30427	0.48600
137	8.4670	0.85781	0.16219	0.31896	0.52200
142	8.8318	0.89477	0.16918	0.33270	0.55800
-152	9.9711	1.0102	0.19100	0.37562	-1.0000
-157	9.9871	1.0067	0.19040	0.37543	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAP

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/EMAX
152	9.9711	1.0102	0.19100	0.37562	0.46300
157	9.9871	1.0067	0.19040	0.37543	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG STATOR LOCATION

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
167	10.076	1.0208	0.19301	0.37957	0.79300
172	9.3542	0.94856	0.18880	0.37129	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG STATOR LOCATION

AVD MCRD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
182	10.191	1.0325	0.19521	0.38390	0.79300
187	9.3512	0.94783	0.19063	0.37487	0.84400

>ADDITIONAL MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REF 11/14/79 09:59:41.714 FAC 8X6X1 PGM C034 RDG 2242

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	8.6549	1.77215	0.21564	0.42351	0.43400
37	9.1830	0.81478	0.22894	0.44963	0.53300
47	9.2096	0.83156	0.22944	0.45061	0.63100
52	11.328	1.0107	0.28226	0.55433	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	8.6137	0.63788	0.16977	0.33342	0.42200
67	9.6825	0.86384	0.24125	0.47380	0.61000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	13.577	1.2113	0.33828	0.66438	0.82800
82	14.826	1.4119	0.39431	0.77441	0.58300
92	11.333	1.0111	0.28234	0.55458	0.87000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	9.2286	0.82334	0.22994	0.45158	-1.0000
-112	11.333	1.0111	0.28234	0.55458	-1.0000
-122	8.9292	0.79663	0.22248	0.43694	-1.0000
-127	10.141	0.90478	0.25268	0.49625	-1.0000
-137	10.321	0.92080	0.25715	0.50504	-1.0000
-142	10.461	0.93326	0.25815	0.50699	-1.0000

>ADDITIONAL PRESSURE RATIOS , EJECTOR INLET

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	9.2286	0.82334	0.22994	0.45158	0.39800
112	11.333	1.0111	0.28234	0.55458	0.43100
122	8.9292	0.79663	0.22248	0.43694	0.44900
127	10.141	0.90478	0.25268	0.49625	0.48600
132	10.321	0.92080	0.25715	0.50504	0.52200
142	10.461	0.93326	0.25815	0.50699	0.58800
-152	11.343	1.0120	0.28263	0.55507	1.0000
-157	11.338	1.0116	0.28250	0.55487	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAP

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	11.343	1.0120	0.28263	0.55507	0.46300
157	11.338	1.0116	0.28250	0.55487	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.675	0.95239	0.26598	0.52236	0.79300
172	10.899	0.97192	0.27137	0.53286	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVG WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	11.338	1.0107	0.28226	0.55433	0.79300
187	11.353	1.0120	0.28288	0.55556	0.84400

>ADDITIONAL MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CARDFILE REC 11/14/79 01:01:53.745 FAC 8X6X1 PGM 5034 RDG 2243

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
[illegible]	11.127	0.89923	0.21551	0.42433	0.43400
57	5.9773	0.53126	0.11578	0.22792	0.53300
67	7.6059	0.67618	0.14731	0.29004	0.63100
62	11.367	1.0105	0.22015	0.43347	0.72500

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
67	8.6933	0.77255	0.16830	0.33138	0.42200
67	6.0519	0.53802	0.11721	0.23078	0.67300

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	17.123	1.5223	0.33163	0.65297	0.50800
82	10.398	0.92441	0.20139	0.39652	0.58300
92	11.382	1.0119	0.22044	0.43404	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	9.2545	0.82273	0.17923	0.35291	-1.0000
-112	11.372	1.0110	0.22025	0.43366	-1.0000
-122	8.9198	0.79298	0.17275	0.34014	-1.0000
-127	10.139	0.90132	0.19636	0.38662	-1.0000
-137	10.318	0.91731	0.19984	0.39347	-1.0000
-142	10.328	0.91820	0.20003	0.39385	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	9.2545	0.82273	0.17923	0.35291	0.39800
112	11.372	1.0110	0.22025	0.43366	0.43100
122	8.9198	0.79298	0.17275	0.34014	0.44900
127	10.139	0.90132	0.19636	0.38662	0.48600
137	10.318	0.91731	0.19984	0.39347	0.52200
142	10.328	0.91820	0.20003	0.39385	0.58800
152	11.372	1.0110	0.22025	0.43366	1.0000
157	11.367	1.0105	0.22015	0.43347	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	11.372	1.0110	0.22025	0.43366	0.46300
157	11.367	1.0105	0.22015	0.43347	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.793	0.95860	0.20883	0.41119	0.79300
172	10.918	0.97059	0.21144	0.41633	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	11.357	1.0097	0.21996	0.43308	0.79300
187	11.367	1.0105	0.22015	0.43347	0.84400

>ADDITIONAL MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RWA

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.988	1.1559	0.21653	0.42337	0.43400
37	6.9756	0.62080	0.11629	0.22739	0.53300
47	8.8736	0.78972	0.14794	0.28926	0.63100
52	11.350	1.0101	0.18923	0.36999	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	10.117	0.90036	0.16867	0.32979	0.42200
67	7.0955	0.63147	0.11829	0.23129	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	19.905	1.7715	0.33184	0.64885	0.50800
82	10.172	0.90528	0.16958	0.33158	0.58300
92	11.360	1.0110	0.18939	0.37032	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	9.2432	0.82261	0.15410	0.30130	-1.0000
-112	11.350	1.0101	0.18923	0.36999	-1.0000
-122	8.9086	0.79284	0.14852	0.29040	-1.0000
-127	10.127	0.90128	0.16883	0.33012	-1.0000
-132	10.307	0.91727	0.17183	0.33598	-1.0000
-142	10.312	0.91772	0.17191	0.33614	-1.0000

>ADDITIONAL PRESSURE RATIOS , EXTERNAL INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	9.2432	0.82261	0.15410	0.30130	0.39800
112	11.350	1.0101	0.18923	0.36999	0.43100
122	8.9086	0.79284	0.14852	0.29040	0.44900
127	10.127	0.90128	0.16883	0.33012	0.48600
132	10.307	0.91727	0.17193	0.33598	0.52200
142	10.312	0.91772	0.17191	0.33614	0.58800
-152	11.345	1.0097	0.18914	0.36983	-1.0000
-157	11.350	1.0101	0.18923	0.36999	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	11.345	1.0097	0.18914	0.36983	0.46300
157	11.350	1.0101	0.18923	0.36999	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SIMION LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.836	0.96438	0.18065	0.35323	0.79300
172	10.921	0.97193	0.18207	0.35599	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SIMION LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	11.350	1.0101	0.18923	0.36999	0.79300
187	11.355	1.0106	0.18931	0.37015	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.772	1.3143	0.21475	0.42362	0.43400
37	7.8039	0.70474	0.11515	0.22714	0.53300
47	10.049	0.89715	0.14659	0.28916	0.63100
52	11.326	1.0111	0.16521	0.32590	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.461	1.0232	0.16718	0.32978	0.42200
67	8.0785	0.72122	0.11784	0.23246	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	22.823	2.0375	0.33292	0.65672	0.50800
82	10.608	0.94702	0.15474	0.30524	0.58300
87	11.331	1.0116	0.16529	0.32605	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	9.2260	0.82366	0.13458	0.26548	-1.0000
-112	11.321	1.0107	0.16514	0.32576	-1.0000
-122	8.9267	0.79694	0.13021	0.25686	-1.0000
-127	10.134	0.90472	0.14782	0.29160	-1.0000
-137	10.308	0.92030	0.15037	0.29662	-1.0000
-142	10.328	0.92208	0.15066	0.29720	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	9.2260	0.82366	0.13458	0.26548	0.39800
112	11.321	1.0107	0.16514	0.32576	0.43100
122	8.9267	0.79694	0.13021	0.25686	0.44900
127	10.134	0.90472	0.14782	0.29160	0.48600
137	10.308	0.92030	0.15037	0.29662	0.52200
142	10.328	0.92208	0.15066	0.29720	0.58800
152	11.331	1.0116	0.16529	0.32605	1.0000
147	11.331	1.0116	0.16529	0.32605	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	11.331	1.0116	0.16529	0.32605	0.46300
157	11.331	1.0116	0.16529	0.32605	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.967	0.97918	0.15852	0.31270	0.79300
172	10.999	0.98131	0.16034	0.31629	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	11.346	1.0129	0.16550	0.32648	0.79300
187	11.336	1.0120	0.16536	0.32619	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
32	17.061	1.5230	0.21460	0.42411	0.43400
37	9.1943	0.81913	0.11565	0.22855	0.53300
47	11.652	1.0381	0.14657	0.28966	0.63100
52	11.358	1.0119	0.14286	0.28233	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
62	13.386	1.1925	0.16837	0.33274	0.42200
67	9.4391	0.84094	0.11873	0.23464	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
77	26.814	2.3889	0.33727	0.66654	0.50800
82	11.333	1.0096	0.14255	0.28171	0.58300
92	11.363	1.0123	0.14292	0.28245	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
-107	9.2942	0.82803	0.11691	0.23104	-1.0000
-112	11.353	1.0114	0.14280	0.28221	-1.0000
-122	9.0194	0.80355	0.11345	0.22421	-1.0000
-127	10.204	0.90905	0.12834	0.25364	-1.0000
-137	10.398	0.92641	0.13080	0.25849	-1.0000
-142	10.428	0.92908	0.13117	0.25923	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
107	9.2942	0.82803	0.11691	0.23104	0.39800
112	11.353	1.0114	0.14280	0.28221	0.43100
122	9.0194	0.80355	0.11345	0.22421	0.44900
127	10.204	0.90905	0.12834	0.25364	0.48800
137	10.398	0.92641	0.13080	0.25849	0.52200
142	10.428	0.92908	0.13117	0.25923	0.58800
152	11.368	1.0128	0.14299	0.28258	1.0000
157	11.363	1.0123	0.14292	0.28245	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
162	11.368	1.0128	0.14299	0.28258	0.46300
167	11.363	1.0123	0.14292	0.28245	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
167	10.938	0.97448	0.13758	0.27190	0.79300
172	11.188	0.99673	0.14072	0.27811	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD NOPD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
182	11.433	1.0185	0.14380	0.28419	0.79300
187	11.363	1.0123	0.14292	0.28245	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.963	1.1543	0.21675	0.42394	0.43400
37	6.9659	0.62104	0.11651	0.22789	0.53300
47	8.8603	0.78983	0.14818	0.28983	0.63100
52	11.333	1.0102	0.18963	0.37070	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.094	0.89981	0.16881	0.33018	0.42200
67	7.1143	0.63441	0.11902	0.23279	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	19.774	1.7627	0.33071	0.64683	0.50800
82	10.134	0.90337	0.16948	0.33149	0.58300
92	11.363	1.0129	0.19003	0.37168	0.67000

>ADDITIONAL PRESSURE RATIOS , DUCTED SHROUD

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.2500	0.82456	0.15470	0.30257	-1.0000
-112	11.348	1.0115	0.18978	0.37119	-1.0000
-122	8.9103	0.79429	0.14902	0.29146	-1.0000
-127	10.124	0.90248	0.16931	0.33116	-1.0000
-137	10.314	0.91940	0.17249	0.33737	-1.0000
-142	10.319	0.91984	0.17257	0.33753	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERUN INLET

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.2500	0.82456	0.15470	0.30257	0.39800
112	11.348	1.0115	0.18978	0.37119	0.43100
122	8.9103	0.79429	0.14902	0.29146	0.44900
127	10.124	0.90248	0.16931	0.33116	0.48600
137	10.314	0.91940	0.17249	0.33737	0.52200
142	10.319	0.91984	0.17257	0.33753	0.58900
152	11.353	1.0120	0.18986	0.37135	-1.0000
157	11.353	1.0120	0.18986	0.37135	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	11.353	1.0120	0.18986	0.37135	0.46300
157	11.353	1.0120	0.18986	0.37135	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.969	0.97772	0.18343	0.35877	0.79300
172	10.928	0.97416	0.18276	0.35746	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.343	1.0111	0.18969	0.37102	0.79300
187	11.343	1.0116	0.18978	0.37119	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 01:38:14.561 FAC 8X6X1 PGM C034 RDG 2248

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	11.104	0.99850	0.21548	0.42408	0.43400
37	5.9615	0.53069	0.11568	0.22768	0.53300
47	7.5912	0.67577	0.14731	0.28992	0.63100
52	11.349	1.0103	0.22023	0.43343	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.6658	0.77143	0.16816	0.33096	0.42200
67	6.0465	0.53826	0.11733	0.23092	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	17.058	1.5185	0.33101	0.65146	0.50800
82	10.395	0.92534	0.20171	0.39699	0.58300
92	11.369	1.0121	0.22062	0.43420	0.67000

ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	9.2455	0.82303	0.17941	0.35310	-1.0000
-112	11.359	1.0112	0.22042	0.43381	-1.0000
-122	8.9157	0.79367	0.17301	0.34050	-1.0000
-127	10.135	0.90221	0.19667	0.38707	-1.0000
-137	10.315	0.91822	0.20016	0.39393	-1.0000
-142	10.330	0.91956	0.20045	0.39451	-1.0000

ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	9.2455	0.82303	0.17941	0.35310	0.39800
112	11.359	1.0112	0.22042	0.43381	0.43100
122	8.9157	0.79367	0.17301	0.34050	0.44900
127	10.135	0.90221	0.19667	0.38707	0.48600
137	10.315	0.91822	0.20016	0.39393	0.52200
142	10.330	0.91956	0.20045	0.39451	0.58800
147	11.374	1.0125	0.22071	0.43439	1.0000
157	11.374	1.0125	0.22071	0.43439	1.0000

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	11.374	1.0125	0.22071	0.43439	0.46300
157	11.374	1.0125	0.22071	0.43439	0.49500

ADDITIONAL PRESSURE RATIOS , 20 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.994	0.97871	0.21334	0.41989	0.79300
172	10.999	0.97115	0.21179	0.41664	0.84400

ADDITIONAL PRESSURE RATIOS , 90 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	11.364	1.0116	0.22052	0.43401	0.79300
187	11.374	1.0125	0.22071	0.43439	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.5911	0.76677	0.21437	0.42449	0.42400
37	9.9736	0.79739	0.22285	0.44128	0.53300
47	10.041	0.80259	0.22441	0.44438	0.63100
52	12.626	1.0093	0.28221	0.55883	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.5236	0.60140	0.16816	0.33298	0.42200
67	10.635	0.85008	0.23769	0.47067	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	15.197	1.2148	0.33966	0.67259	0.50800
82	16.983	1.3576	0.37959	0.75166	0.58300
92	12.636	1.0101	0.28244	0.55927	0.67000

>ADDITIONAL PRESSURE RATIOS , FUEETER SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.909	0.97203	0.24383	0.48283	-1.0000
-112	12.631	1.0097	0.28232	0.55905	-1.0000
-122	10.545	0.84290	0.23568	0.46670	-1.0000
-127	11.523	0.92112	0.25755	0.51000	-1.0000
-137	11.603	0.92750	0.25934	0.51354	-1.0000
-142	11.453	0.91553	0.25599	0.50691	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.909	0.87203	0.24383	0.48283	0.39800
112	12.631	1.0097	0.28232	0.55905	0.43100
122	10.545	0.84290	0.23568	0.46670	0.44900
127	11.523	0.92112	0.25755	0.51000	0.48600
137	11.603	0.92750	0.25934	0.51354	0.52200
142	11.453	0.91553	0.25599	0.50691	0.58800
-152	12.626	1.0093	0.28221	0.55883	-1.0000
-157	12.626	1.0093	0.28221	0.55883	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	12.626	1.0093	0.28221	0.55883	0.46300
157	12.626	1.0093	0.28221	0.55883	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.493	0.91872	0.25689	0.50868	0.79300
172	11.833	0.94586	0.26447	0.52370	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.177	0.97339	0.27217	0.53895	0.79300
187	12.622	1.0089	0.28210	0.55861	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	13.362	0.99645	0.21681	0.42441	0.43400
37	6.6749	0.53414	0.11622	0.22750	0.53300
47	8.4989	0.69002	0.14796	0.28964	0.63100
52	12.592	1.0076	0.21924	0.42918	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	9.7315	0.77633	0.16891	0.33066	0.42200
67	6.7599	0.54093	0.11770	0.23040	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	19.159	1.5332	0.33358	0.65301	0.50800
82	11.374	0.91016	0.19803	0.38766	0.56300
92	12.612	1.0092	0.21959	0.42986	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	10.865	0.86942	0.18917	0.37031	-1.0000
-112	12.617	1.0096	0.21967	0.43003	-1.0000
-122	10.510	0.84105	0.18300	0.35823	-1.0000
-127	11.494	0.91975	0.20012	0.39175	-1.0000
-137	11.569	0.92574	0.20142	0.39430	-1.0000
-142	11.399	0.91216	0.19847	0.38851	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	10.865	0.86942	0.18917	0.37031	0.39800
112	12.617	1.0096	0.21967	0.43003	0.43100
122	10.510	0.84105	0.18300	0.35823	0.44900
127	11.494	0.91975	0.20012	0.39175	0.48600
137	11.569	0.92574	0.20142	0.39430	0.52200
142	11.399	0.91216	0.19847	0.38851	0.58800
-152	12.627	1.0104	0.21985	0.43037	-1.0000
-157	12.622	1.0100	0.21976	0.43020	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	12.627	1.0104	0.21985	0.43037	0.46300
157	12.622	1.0100	0.21976	0.43020	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	11.574	0.92614	0.20151	0.39447	0.79300
172	11.963	0.94931	0.20655	0.40434	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	12.308	0.97687	0.21255	0.41608	0.79300
187	12.627	1.0104	0.21985	0.43037	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/14/79 01:19:59.417 FAC 8X6X1 PGM C034 RDG 2251

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.407	1.1496	0.21514	0.42402	0.43400
37	7.7141	0.61555	0.11520	0.22705	0.53300
47	9.8258	0.78404	0.14673	0.28920	0.63100
52	12.635	1.0082	0.18860	0.37189	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.208	0.89436	0.16738	0.32980	0.42200
67	7.8489	0.62630	0.11721	0.23101	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	22.373	1.7852	0.33410	0.65849	0.50800
82	11.218	0.89515	0.16753	0.33018	0.58300
92	12.650	1.0094	0.18891	0.37233	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.884	0.86847	0.16253	0.32034	-1.0000
-112	12.640	1.0086	0.18876	0.37204	-1.0000
-122	10.529	0.84020	0.15724	0.30991	-1.0000
-127	11.503	0.91785	0.17177	0.33855	-1.0000
-137	11.583	0.92422	0.17297	0.34090	-1.0000
-142	11.403	0.90989	0.17028	0.33562	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.884	0.86847	0.16253	0.32034	0.39800
112	12.640	1.0086	0.18876	0.37204	0.43100
122	10.529	0.84020	0.15724	0.30991	0.44900
127	11.503	0.91785	0.17177	0.33855	0.48600
137	11.583	0.92422	0.17297	0.34090	0.52200
142	11.403	0.90989	0.17028	0.33562	0.58800
-152	12.630	1.0078	0.18861	0.37175	1.0000
-157	12.630	1.0078	0.18861	0.37175	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	12.630	1.0078	0.18861	0.37175	0.46300
157	12.630	1.0078	0.18861	0.37175	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.697	0.93338	0.17468	0.34428	0.79300
172	11.907	0.95011	0.17781	0.35045	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.226	0.97559	0.18258	0.35985	0.79300
187	12.625	1.0074	0.18854	0.37160	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 01:21:14.999 FAC BX6X1 PGM C034 ADG 2252

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.383	1.3060	0.21460	0.42392	0.43400
37	8.7812	0.70015	0.11505	0.22726	0.53300
47	11.183	0.89166	0.14652	0.28943	0.63100
52	12.661	1.0095	0.16588	0.32768	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	12.811	1.0214	0.16784	0.33155	0.42200
67	9.0059	0.71807	0.11799	0.23308	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	25.693	2.0485	0.33662	0.66494	0.50800
82	11.782	0.93943	0.15437	0.30494	0.58300
92	12.666	1.0099	0.16595	0.32781	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	10.924	0.87096	0.14312	0.28271	-1.0000
-112	12.661	1.0095	0.16588	0.32768	-1.0000
-122	10.569	0.84269	0.13847	0.27353	-1.0000
-127	11.558	0.92152	0.15143	0.29912	-1.0000
-137	11.638	0.92789	0.15247	0.30119	-1.0000
-142	11.468	0.91435	0.15025	0.29679	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	10.924	0.87096	0.14312	0.28271	0.39800
112	12.661	1.0095	0.16588	0.32768	0.43100
122	10.569	0.84269	0.13847	0.27353	0.44900
127	11.558	0.92157	0.15143	0.29912	0.48600
137	11.638	0.92789	0.15247	0.30119	0.52200
142	11.468	0.91435	0.15025	0.29679	0.58800
-147	12.641	1.0087	0.16574	0.32742	-1.0000
-157	12.651	1.0087	0.16575	0.32742	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	12.651	1.0087	0.16575	0.32742	0.46300
157	12.651	1.0087	0.16575	0.32742	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	11.797	0.93983	0.15443	0.30506	0.79300
172	12.037	0.95873	0.15771	0.31153	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	12.292	0.98003	0.16104	0.31811	0.79300
187	12.651	1.0087	0.16575	0.32742	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/14/79 01:33:38.050 FAC 8X6X1 PGM C034 RDG 2253

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	19.159	1.5279	0.21542	0.42395	0.43400
37	10.380	0.82778	0.11671	0.22969	0.53300
47	13.126	1.0467	0.14758	0.29045	0.63100
52	12.657	1.0093	0.14231	0.28007	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.057	1.2008	0.16930	0.33319	0.42200
67	10.565	0.84251	0.11879	0.23378	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	30.134	2.4031	0.33882	0.66681	0.50800
82	12.647	1.0085	0.14219	0.27984	0.58300
87	12.672	1.0105	0.14247	0.28040	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.959	0.87397	0.12322	0.24251	-1.0000
-112	12.662	1.0097	0.14236	0.28018	-1.0000
-122	10.610	0.84610	0.11929	0.23478	-1.0000
-127	11.598	0.92462	0.13041	0.25665	-1.0000
-137	11.698	0.93289	0.13153	0.25886	-1.0000
-142	11.549	0.92094	0.12985	0.25554	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.959	0.87397	0.12322	0.24251	0.39800
112	12.662	1.0097	0.14236	0.28018	0.43100
122	10.610	0.84610	0.11929	0.23478	0.44900
127	11.598	0.92462	0.13041	0.25665	0.48600
137	11.698	0.93289	0.13153	0.25886	0.52200
142	11.549	0.92094	0.12985	0.25554	0.58800
152	12.657	1.0093	0.14231	0.28007	1.0000
157	12.657	1.0093	0.14231	0.28007	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	12.657	1.0093	0.14231	0.28007	0.46300
157	12.657	1.0093	0.14231	0.28007	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.933	0.95160	0.13417	0.26405	0.79300
172	12.262	0.97787	0.13776	0.27112	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.372	0.98663	0.13911	0.27377	0.79300
187	12.662	1.0097	0.14236	0.28018	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.499	1.1539	0.21560	0.42433	0.43400
37	7.7064	0.61970	0.11578	0.22788	0.53300
47	9.9146	0.78909	0.14743	0.29016	0.63100
52	12.666	1.0081	0.18835	0.37070	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.288	0.89840	0.16786	0.33036	0.42200
67	7.9913	0.63600	0.11883	0.23387	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.391	1.7821	0.33296	0.65531	0.50800
82	11.218	0.89283	0.16682	0.32831	0.58300
92	12.676	1.0089	0.18850	0.37099	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	10.924	0.86938	0.16243	0.31969	-1.0000
-112	12.671	1.0085	0.18843	0.37084	-1.0000
-122	10.549	0.83957	0.15686	0.30873	-1.0000
-127	11.538	0.91827	0.17157	0.33767	-1.0000
-137	11.618	0.92463	0.17276	0.34001	-1.0000
-142	11.433	0.90992	0.17001	0.33460	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	10.924	0.86938	0.16243	0.31969	0.39800
112	12.671	1.0085	0.18843	0.37084	0.43100
122	10.549	0.83957	0.15686	0.30873	0.44900
127	11.538	0.91827	0.17157	0.33767	0.48600
137	11.618	0.92463	0.17276	0.34001	0.52200
142	11.433	0.90992	0.17001	0.33460	0.58800
152	12.666	1.0081	0.18835	0.37070	1.0000
157	12.665	1.0081	0.18835	0.37070	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	12.666	1.0081	0.18835	0.37070	0.46300
157	12.665	1.0081	0.18835	0.37070	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.982	0.95364	0.17818	0.35068	0.79300
172	11.947	0.95086	0.17766	0.34965	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.262	0.97590	0.18234	0.35886	0.79300
187	12.666	1.0081	0.18835	0.37070	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	11.302	0.77369	0.21558	0.42535	0.43400
37	10.663	0.72995	0.20277	0.40131	0.53300
47	11.252	0.77027	0.21502	0.42347	0.63100
52	14.695	1.0060	0.28083	0.55307	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.8355	0.60487	0.16885	0.33254	0.42200
67	9.7391	0.66673	0.18612	0.36655	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	17.893	1.2249	0.34194	0.67344	0.50800
82	19.001	1.3008	0.36311	0.71512	0.58300
92	14.690	1.0057	0.28073	0.55288	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	13.363	0.91479	0.25537	0.50293	-1.0000
-112	14.685	1.0053	0.29064	0.55270	-1.0000
-122	13.013	0.89088	0.24869	0.48978	-1.0000
-127	13.692	0.93734	0.26166	0.51532	-1.0000
-137	13.647	0.93427	0.26080	0.51363	-1.0000
-142	13.248	0.90694	0.25317	0.49861	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	13.363	0.91479	0.25537	0.50293	0.39800
112	14.685	1.0053	0.29064	0.55270	0.43100
122	13.013	0.89088	0.24869	0.48978	0.44900
127	13.692	0.93734	0.26166	0.51532	0.48600
137	13.647	0.93427	0.26080	0.51363	0.52200
142	13.248	0.90694	0.25317	0.49861	0.58800
152	14.675	1.0046	0.28045	0.55232	1.0000
157	14.675	1.0046	0.28045	0.55232	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	14.675	1.0046	0.28045	0.55232	0.46300
157	14.675	1.0046	0.28045	0.55232	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.289	0.90997	0.25394	0.50011	0.79300
172	13.402	0.91768	0.25745	0.50781	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.742	0.94076	0.26261	0.51720	0.79300
187	14.670	1.0043	0.28035	0.55213	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	14.434	0.93779	0.21550	0.42534	0.43400
37	7.7157	0.50123	0.11525	0.22721	0.63300
47	6.6576	0.43434	0.14724	0.29028	0.63100
52	14.683	1.0345	0.21532	0.43238	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	11.250	0.76960	0.16804	0.33129	0.42200
67	7.8456	0.53671	0.11719	0.23103	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	22.555	1.5430	0.33680	0.66420	0.50800
82	13.201	0.90308	0.19718	0.38875	0.58300
92	14.698	1.0055	0.21954	0.43283	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	13.371	0.91469	0.19972	0.39374	-1.0000
-112	14.703	1.0058	0.21967	0.43297	-1.0000
-122	13.017	0.89045	0.19443	0.38331	-1.0000
-127	13.719	0.93790	0.20478	0.40373	-1.0000
-137	13.670	0.93517	0.20419	0.40256	-1.0000
-142	13.276	0.90820	0.19830	0.39095	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	13.371	0.91469	0.19972	0.39374	0.39800
112	14.703	1.0058	0.21967	0.43297	0.43100
122	13.017	0.89045	0.19443	0.38331	0.44900
127	13.719	0.93790	0.20478	0.40373	0.48600
137	13.670	0.93517	0.20419	0.40256	0.52200
142	13.276	0.90820	0.19830	0.39095	0.58800
152	14.708	1.0062	0.21966	0.43312	1.0000
157	14.708	1.0062	0.21969	0.43312	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	14.708	1.0062	0.21969	0.43312	0.46300
157	14.708	1.0062	0.21969	0.43312	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	13.451	0.92015	0.20091	0.39609	0.79300
172	13.655	0.93414	0.20397	0.40212	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	13.890	0.95018	0.20747	0.40902	0.79300
187	14.708	1.0062	0.21969	0.43312	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
32	16.891	1.1467	0.21417	0.42477	0.43400
37	8.9707	0.61225	0.11435	0.22679	0.53300
47	11.468	0.78272	0.14619	0.28994	0.63100
52	14.739	1.0060	0.18789	0.37264	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
62	13.141	0.89690	0.16752	0.33224	0.42200
67	9.2005	0.62793	0.11728	0.23260	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
77	26.622	1.8170	0.33936	0.67305	0.50800
82	13.022	0.88872	0.16599	0.32921	0.58300
87	14.744	1.0063	0.18795	0.37276	0.67000

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
-107	13.416	0.91565	0.17102	0.33918	-1.0000
-112	14.744	1.0063	0.18795	0.37276	-1.0000
-122	13.047	0.89043	0.16631	0.32984	-1.0000
-127	13.741	0.93780	0.17516	0.34739	-1.0000
-137	13.691	0.93439	0.17452	0.34613	-1.0000
-142	13.286	0.90679	0.16936	0.33590	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
107	13.416	0.91565	0.17102	0.33918	0.39800
112	14.744	1.0063	0.18795	0.37276	0.43100
122	13.047	0.89043	0.16631	0.32984	0.44900
127	13.741	0.93780	0.17516	0.34739	0.48600
137	13.691	0.93439	0.17452	0.34613	0.52200
142	13.286	0.90679	0.16936	0.33590	0.58800
~~152~~	~~14.734~~	~~1.0056~~	~~0.18782~~	~~0.37251~~	~~1.0000~~
~~157~~	~~14.734~~	~~1.0056~~	~~0.18782~~	~~0.37251~~	~~1.0000~~

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
152	14.734	1.0056	0.18782	0.37251	0.46300
157	14.734	1.0056	0.18782	0.37251	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
167	13.521	0.92280	0.17235	0.34183	0.79300
172	13.736	0.93746	0.17509	0.34726	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/PD	PI/PTF	PI/PTP	X/DMAX
182	13.935	0.95109	0.17764	0.35231	0.79300
187	14.739	1.0060	0.18789	0.37264	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.353	1.2349	0.21532	0.42404	0.43400
37	10.228	0.69537	0.11558	0.22762	0.53300
47	13.324	0.88509	0.14718	0.28985	0.63100
52	14.776	1.0155	0.16721	0.32929	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.976	1.0177	0.16924	0.33329	0.42200
67	10.532	0.71577	0.11902	0.23440	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	30.150	2.0490	0.34073	0.67101	0.50800
82	13.723	0.93259	0.15508	0.30540	0.58300
87	14.801	1.0059	0.16726	0.32940	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	13.463	0.91495	0.15215	0.29963	-1.0000
-112	14.806	1.0062	0.16732	0.32951	-1.0000
-122	13.119	0.89154	0.14825	0.29196	-1.0000
-127	13.822	0.93937	0.15621	0.30763	-1.0000
-132	13.783	0.93666	0.15576	0.30674	-1.0000
-142	13.393	0.91020	0.15136	0.29807	-1.0000

>ADDITIONAL PRESSURE RATIOS , FIREWALL INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	13.463	0.91495	0.15215	0.29963	0.39800
112	14.806	1.0062	0.16732	0.32951	0.43100
122	13.119	0.89154	0.14825	0.29196	0.44900
127	13.822	0.93937	0.15621	0.30763	0.48600
132	13.783	0.93666	0.15576	0.30674	0.52200
142	13.393	0.91020	0.15136	0.29807	0.58800
152	14.806	1.0062	0.16732	0.32951	1.0000
157	14.811	1.0065	0.16738	0.32962	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.806	1.0062	0.16732	0.32951	0.46300
157	14.811	1.0065	0.16738	0.32962	0.49500

>ADDITIONAL PRESSURE RATIOS , 70 DEG SPLITTER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.603	0.92445	0.15373	0.30274	0.79300
172	13.997	0.94914	0.15717	0.30951	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPLITTER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.047	0.95464	0.15975	0.31262	0.79300
187	14.831	1.0079	0.16749	0.32984	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT PEC 11/14/79 01:44:35.084 FAC 8X6X1 PGM C034 RDG 2259

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.860	1.1493	0.21472	0.42516	0.43400
37	9.0122	0.61433	0.11478	0.22726	0.53300
47	11.504	0.78418	0.14651	0.29009	0.63100
52	14.749	1.0054	0.18784	0.37192	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	13.146	0.89614	0.16743	0.33151	0.42200
67	9.2319	0.62931	0.11758	0.23280	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	26.602	1.8134	0.33880	0.67082	0.50800
82	13.022	0.88763	0.16584	0.32837	0.58300
92	14.754	1.0057	0.18790	0.37204	0.67000

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	13.401	0.91349	0.17067	0.33793	-1.0000
-112	14.754	1.0057	0.18790	0.37204	-1.0000
-122	13.042	0.88899	0.16609	0.32887	-1.0000
-132	13.745	0.93697	0.17506	0.34662	-1.0000
-137	13.705	0.93425	0.17455	0.34561	-1.0000
-142	13.296	0.90635	0.16934	0.33529	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORE&AFT INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	13.401	0.91349	0.17067	0.33793	0.39800
112	14.754	1.0057	0.18790	0.37204	0.43100
122	13.042	0.88899	0.16609	0.32887	0.44900
132	13.745	0.93697	0.17506	0.34662	0.48600
137	13.705	0.93425	0.17455	0.34561	0.52200
142	13.296	0.90635	0.16934	0.33529	0.58800
~~152~~	~~14.754~~	~~1.0057~~	~~0.18790~~	~~0.37204~~	~~1.0000~~
~~157~~	~~14.754~~	~~1.0057~~	~~0.18790~~	~~0.37204~~	~~1.0000~~

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.754	1.0057	0.18790	0.37204	0.46300
157	14.754	1.0057	0.18790	0.37204	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.665	0.93153	0.17404	0.34460	0.79300
172	13.750	0.93731	0.17512	0.34674	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.945	0.95058	0.17760	0.35165	0.79300
187	14.744	1.0050	0.18777	0.37179	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

R-41 "C

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 01:56:51.586 FAC 9X6X1 PGM C034 ROG 2260

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.533	0.77618	0.21581	0.42602	0.43400
37	6.9879	0.46804	0.13038	0.25738	0.53300
47	10.769	0.72476	0.20152	0.39780	0.63100
52	14.963	1.0003	0.27813	0.54903	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.9912	0.60510	0.16824	0.33212	0.42200
67	6.2793	0.42253	0.11748	0.23191	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	18.158	1.2220	0.33977	0.67072	0.50800
82	20.249	1.3628	0.37890	0.74797	0.58300
92	14.873	1.0010	0.27831	0.54939	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.214	0.95662	0.26598	0.52505	-1.0000
-112	14.868	1.0006	0.27822	0.54921	-1.0000
-122	13.980	0.94083	0.26159	0.51639	-1.0000
-127	14.254	0.95931	0.26673	0.52653	-1.0000
-137	14.085	0.94789	0.26355	0.52026	-1.0000
-142	13.405	0.90824	0.25263	0.49850	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.214	0.95662	0.26598	0.52505	0.39800
112	14.868	1.0006	0.27827	0.54921	0.43100
122	13.980	0.94083	0.26159	0.51639	0.44900
127	14.254	0.95931	0.26673	0.52653	0.48600
137	14.085	0.94789	0.26355	0.52026	0.52200
142	13.405	0.90824	0.25263	0.49850	0.58800
-152	14.878	1.0013	0.27841	0.54958	1.0000
-157	14.873	1.0010	0.27831	0.54939	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.878	1.0013	0.27841	0.54958	0.46300
157	14.873	1.0010	0.27831	0.54939	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.775	0.92705	0.25776	0.50883	0.79300
172	13.655	0.91899	0.25552	0.50440	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.725	0.92369	0.25683	0.50698	0.79300
187	14.873	1.0010	0.27831	0.54939	0.84400

SECTION 5 . MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.775	0.99073	0.21511	0.42474	0.43400
37	7.9868	0.53571	0.11475	0.22667	0.53300
47	10.177	0.67573	0.14671	0.28970	0.63100
52	14.905	0.99943	0.21709	0.42847	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.505	0.77149	0.16750	0.33075	0.42200
67	8.9147	0.59742	0.11668	0.23040	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	23.059	1.5462	0.33572	0.66290	0.50800
82	13.582	0.91073	0.19774	0.39045	0.58300
92	14.915	1.0001	0.21714	0.42876	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.251	0.95558	0.20748	0.40968	-1.0000
-112	14.910	0.99976	0.21707	0.42862	-1.0000
-122	14.041	0.94153	0.20442	0.40365	-1.0000
-127	14.328	0.96060	0.20857	0.41183	-1.0000
-137	14.161	0.94956	0.20617	0.40709	-1.0000
-142	13.612	0.91274	0.19817	0.39131	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.251	0.95558	0.20748	0.40968	0.39800
112	14.910	0.99976	0.21707	0.42862	0.43100
12	14.041	0.94153	0.20442	0.40365	0.44900
127	14.328	0.96060	0.20857	0.41183	0.48600
137	14.161	0.94956	0.20617	0.40709	0.52200
142	13.612	0.91274	0.19817	0.39131	0.58800
~~152~~	~~14.915~~	~~1.0001~~	~~0.21714~~	~~0.42876~~	~~1.0000~~
~~157~~	~~14.910~~	~~0.99976~~	~~0.21707~~	~~0.42862~~	~~1.0000~~

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.915	1.0001	0.21714	0.42876	0.46300
157	14.910	0.99976	0.21707	0.42862	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SURFACE LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.782	0.92412	0.20064	0.39619	0.79300
172	13.936	0.93246	0.20246	0.39978	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SURFACE LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.991	0.93818	0.20370	0.40222	0.79300
187	14.910	0.99976	0.21707	0.42862	0.84400

SECTION 5 - MEASURED TURBIST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	17.178	1.1538	0.21498	0.42467	0.43400
37	9.1641	0.61554	0.11469	0.22655	0.53300
47	11.706	0.78629	0.1465	0.28940	0.63100
52	14.892	1.0003	0.1863	0.36815	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
65	13.449	0.90334	0.16831	0.33248	0.42200
67	9.3539	0.62829	0.11706	0.23124	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	26.997	1.8134	0.33786	0.66741	0.50800
82	13.224	0.88825	0.16550	0.32692	0.58300
92	14.892	1.0003	0.18637	0.36815	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.243	0.95666	0.17824	0.35210	-1.0000
-117	14.897	1.0006	0.18643	0.36827	-1.0000
-127	14.003	0.94057	0.17524	0.34618	-1.0000
-127	14.298	0.96035	0.17893	0.35346	-1.0000
-137	14.143	0.94995	0.17699	0.34963	-1.0000
-147	13.599	0.91340	0.17018	0.33618	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUSEBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.243	0.95666	0.17824	0.35210	0.39800
117	14.897	1.0006	0.18643	0.36827	0.43100
127	14.003	0.94057	0.17524	0.34618	0.44900
127	14.298	0.96035	0.17893	0.35346	0.48600
137	14.143	0.94995	0.17699	0.34963	0.52200
147	13.599	0.91340	0.17018	0.33618	0.58800
162	14.902	1.0009	0.18649	0.36839	1.0000
167	14.897	1.0013	0.18655	0.36852	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
162	14.902	1.0009	0.18649	0.36839	0.46300
167	14.897	1.0013	0.18655	0.36852	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPIRIO LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.808	0.92749	0.17281	0.34136	0.79300
177	13.838	0.92950	0.17318	0.34210	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPIRIO LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.908	0.93419	0.17404	0.34383	0.79300
187	14.897	1.0008	0.18643	0.36827	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 02:00:19.701 FAC 8X6X1 PGM C034 RNG 2263

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	18.972	1.2728	0.21590	0.42448	0.43400
37	10.134	0.67991	0.11537	0.22674	0.53300
47	12.946	0.86855	0.14739	0.28966	0.63100
52	14.908	1.0002	0.16973	0.33356	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.898	0.99953	0.16961	0.33334	0.42200
67	10.444	0.70068	0.11890	0.23367	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	29.812	2.0001	0.33940	0.66702	0.50800
82	13.795	0.92560	0.15705	0.30865	0.58300
92	14.923	1.0012	0.16990	0.33390	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.269	0.95732	0.16245	0.31926	-1.0000
-112	14.923	1.0012	0.16990	0.33390	-1.0000
-122	14.044	0.94225	0.15989	0.31423	-1.0000
-127	14.329	0.96134	0.16313	0.32060	-1.0000
-132	14.189	0.95196	0.16154	0.31747	-1.0000
-142	13.680	0.91780	0.15574	0.30608	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.269	0.95732	0.16245	0.31926	0.39800
112	14.923	1.0012	0.16990	0.33390	0.43100
122	14.044	0.94225	0.15989	0.31423	0.44900
127	14.329	0.96134	0.16313	0.32060	0.48603
132	14.189	0.95196	0.16154	0.31747	0.52200
142	13.680	0.91780	0.15574	0.30608	0.58800
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
162	14.915	1.0004	0.16978	0.33367	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.918	1.0009	0.16984	0.33378	0.46300
157	14.913	1.0005	0.16978	0.33367	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SIMMIN LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.835	0.92818	0.15750	0.30954	0.79300
172	13.955	0.93623	0.15887	0.31222	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SIMMIN LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.960	0.93655	0.15893	0.31234	0.79300
187	14.898	0.99953	0.16961	0.33334	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.250	1.1560	0.21409	0.42468	0.41300
37	9.2108	0.61724	0.11479	0.22676	0.53300
47	11.771	0.78884	0.14671	0.28980	0.63100
52	14.915	0.99951	0.18589	0.36720	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.513	0.90555	0.16841	0.33268	0.42200
67	9.4404	0.63263	0.11766	0.23241	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	27.384	1.8350	0.33755	0.66678	0.50800
82	13.244	0.88749	0.16506	0.32605	0.58300
87	14.925	1.0002	0.18601	0.36744	0.67000

>ADDITIONAL PRESSURE RATIOS , EXCESS FLOW

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.262	0.95571	0.17774	0.35111	-1.0000
-112	14.935	1.0008	0.18614	0.36769	-1.0000
-122	14.052	0.94167	0.17513	0.34595	-1.0000
-127	14.336	0.96073	0.17868	0.35295	-1.0000
-132	14.177	0.95003	0.17669	0.34902	-1.0000
-142	13.528	0.90637	0.16984	0.33551	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.262	0.95571	0.17774	0.35111	0.39800
112	14.935	1.0008	0.18614	0.36769	0.43100
122	14.052	0.94167	0.17513	0.34595	0.44900
127	14.336	0.96073	0.17868	0.35295	0.48600
132	14.177	0.95003	0.17669	0.34902	0.52200
142	13.528	0.90637	0.16984	0.33551	0.58800
152	14.930	1.0005	0.18608	0.36757	1.0000
157	14.930	1.0005	0.18608	0.36757	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.930	1.0005	0.18608	0.36757	0.46300
157	14.930	1.0005	0.18608	0.36757	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPLITTER LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.847	0.92796	0.17258	0.34091	0.79300
172	13.867	0.92929	0.17283	0.34140	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPLITTER LOCATION

AVD NORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.342	0.89431	0.17376	0.34324	0.79300
187	14.930	1.0005	0.18608	0.36757	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

Run 46

NASA-LEWIS PRELIMINARY DATA CODE-II FACILITY 8X6X1 PROGRAM C034 PDGS 2265 TO 2278
TIME AND DATE PROCESSED 23:21:39 JUN 21 1979

NOZZLE TYPE	P+W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	C2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

PDG	MD	PTF/PTP	PTF/PD	PTP/PD	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2265	0.897	2.17	3.58	1.65	0.000	0.284	0.962	0.986	0.7804	0.7804	0.7892	0.7892	0.7922	******
2266	0.896	2.19	4.59	2.09	0.000	0.223	0.963	0.975	0.8309	0.8309	0.8370	0.8370	0.8391	******
2267	0.893	2.21	5.33	2.42	0.000	0.191	0.964	0.976	0.8641	0.8641	0.8691	0.8691	0.8708	******
2268	0.895	2.19	6.10	2.79	0.000	0.168	0.965	0.978	0.8917	0.8917	0.8958	0.8958	0.8973	******
2269	0.894	2.19	7.11	3.25	0.000	0.144	0.966	0.979	0.9143	0.9143	0.9177	0.9177	0.9190	******
2270	0.893	2.20	5.34	2.42	0.000	0.191	0.964	0.976	0.8669	0.8669	0.8718	0.8718	0.8736	******
2271	0.895	2.17	3.58	1.65	0.000	0.285	0.962	0.987	0.7795	0.7795	0.7883	0.7883	0.7913	******
2272	0.892	2.17	3.57	1.65	0.000	0.285	0.962	0.987	0.7834	0.7834	0.7921	0.7921	0.7951	******
2273	0.895	1.94	3.57	1.84	0.000	0.295	0.962	0.975	0.7981	0.7981	0.8061	0.8061	0.8089	******
2274	0.894	1.98	4.58	2.31	0.000	0.222	0.963	0.976	0.8448	0.8448	0.8505	0.8505	0.8525	******
2275	0.894	1.97	5.34	2.71	0.000	0.192	0.964	0.977	0.8772	0.8772	0.8818	0.8818	0.8834	******
2276	0.892	1.96	6.11	3.12	0.000	0.167	0.965	0.979	0.9034	0.9034	0.9073	0.9073	0.9087	******
2277	0.896	1.97	7.12	3.61	0.000	0.144	0.965	0.980	0.9221	0.9221	0.9253	0.9253	0.9265	******
2278	0.895	1.97	5.34	2.71	0.000	0.191	0.964	0.977	0.8765	0.8765	0.8811	0.8811	0.8828	******

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CASCADE II REC 11/14/79 13:19:32.621 FAC AXEX1 PGM C934 RNG 2265

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLOW

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
37	6.3678	0.73196	0.19528	0.42237	0.43400
42	8.6695	0.89351	0.24446	0.53394	0.53900
47	8.7574	0.89421	0.24644	0.54043	0.63100
52	9.2213	1.0119	0.28227	0.61153	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	5.4944	0.55496	0.15461	0.33456	0.42200
67	7.9181	0.80758	0.22528	0.48805	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	11.834	1.2336	0.33584	0.72759	0.56800
82	14.451	1.4738	0.41113	0.89070	0.58300
87	8.9363	1.0134	0.28270	0.61245	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.4740	0.66029	0.18419	0.39904	-1.0000
-112	8.9113	1.0109	0.28199	0.61091	-1.0000
-122	8.9437	0.73820	0.19756	0.42800	-1.0000
-127	7.9281	0.89869	0.25556	0.54867	-1.0000
-132	8.2329	0.83668	0.23423	0.50746	-1.0000
-142	8.6575	0.88339	0.24631	0.53363	-1.0000

>ADDITIONAL PRESSURE RATIOS , FIFTEEN DEGREE

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.4740	0.66029	0.18419	0.39904	0.39800
112	8.9113	1.0109	0.28199	0.61091	0.43100
122	8.9437	0.73820	0.19756	0.42800	0.44900
127	7.9281	0.89869	0.25556	0.54867	0.48800
132	8.2329	0.83668	0.23423	0.50746	0.52200
142	8.6575	0.88339	0.24631	0.53363	0.58800
152	8.9113	1.0109	0.28199	0.61091	1.0000
157	8.9113	1.0109	0.28199	0.61091	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
162	8.9113	1.0109	0.28199	0.61091	0.46300
167	8.9113	1.0109	0.28199	0.61091	0.49500

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	11.469	1.1688	0.32694	0.70835	0.79300
172	8.2755	0.84058	0.23758	0.50137	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD MACH	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	8.7315	0.88254	0.24787	0.53683	0.79300
187	8.9263	1.0124	0.28241	0.61184	0.84400

>ADDITIONAL P , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 C/DOFIL REC 11/14/79 03:20:32.772 FAC AXEX1 PGM C034 PRG 2266

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
32	8.6811	0.89498	0.19283	0.42311	0.43400
37	4.7972	0.48904	0.10656	0.23381	0.53300
47	8.1014	0.82588	0.17956	0.39486	0.63100
52	9.9203	1.0113	0.22036	0.48351	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
62	6.8219	0.69545	0.15153	0.33250	0.42200
67	4.7271	0.48190	0.10500	0.23040	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
77	14.770	1.5057	0.32809	0.71989	0.50800
82	9.3607	0.95426	0.20793	0.45623	0.58300
92	9.9303	1.0123	0.22058	0.48399	0.67000

>ADDITIONAL PRESSURE RATIOS , DUCTED SHROUD

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
-107	6.5020	0.66283	0.14443	0.31690	-1.0000
-112	9.9303	1.0123	0.22058	0.48399	-1.0000
-122	6.9419	0.70768	0.15420	0.33834	-1.0000
-127	7.8765	0.80305	0.17607	0.38633	-1.0000
-137	8.2814	0.84422	0.18395	0.40368	-1.0000
-142	8.7211	0.88905	0.19372	0.42506	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
107	6.5020	0.66283	0.14443	0.31690	0.39800
112	9.9303	1.0123	0.22058	0.48399	0.43100
122	6.9419	0.70768	0.15420	0.33834	0.44900
127	7.8765	0.80305	0.17607	0.38633	0.48600
137	8.2814	0.84422	0.18395	0.40368	0.52200
142	8.7211	0.88905	0.19372	0.42506	0.58800
152	9.9603	1.0154	0.22124	0.48545	-1.0000
157	9.9303	1.0124	0.22147	0.48594	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
152	9.9603	1.0154	0.22124	0.48545	0.46300
157	9.9303	1.0124	0.22147	0.48594	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
167	11.174	1.1391	0.24821	0.54462	0.79300
172	9.9303	1.0082	0.21965	0.48205	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD NORD	PL	PL/PC	PL/PTF	PL/PTP	X/DMAX
182	9.9454	0.99348	0.21647	0.47498	0.79300
187	9.9753	1.0149	0.22158	0.48619	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THROAT PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 46

NASA-LEWIS PRELIMINARY DATA 05/21/79 CADDELL REC 11/14/79 03:22:03.134 FAC 8X6X1 PGM C034 RDG 2267

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	10.020	1.0219	0.19163	0.42278	0.43400
37	5.3921	0.54890	0.10253	0.22708	0.53300
42	6.8569	0.69832	0.13095	0.28890	0.63100
52	9.9491	1.0128	0.18992	0.41900	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	7.8432	0.79842	0.14972	0.33031	0.42200
67	5.4620	0.55602	0.10426	0.23003	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	17.171	1.7480	0.32778	0.72315	0.50800
82	9.0459	0.92187	0.17287	0.38138	0.58300
92	9.9640	1.0143	0.19020	0.41963	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR THROAT

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.5404	0.66579	0.12485	0.27544	-1.0000
-112	9.9491	1.0128	0.18992	0.41900	-1.0000
-122	7.0795	0.72068	0.13514	0.29815	-1.0000
-127	8.0278	0.81721	0.15324	0.33809	-1.0000
-137	8.3423	0.84922	0.15924	0.35133	-1.0000
-142	8.7565	0.89139	0.16715	0.36877	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.5404	0.66579	0.12485	0.27544	0.39800
112	9.9491	1.0128	0.18992	0.41900	0.43100
122	7.0795	0.72068	0.13514	0.29815	0.44900
127	8.0278	0.81721	0.15324	0.33809	0.48600
137	8.3423	0.84922	0.15924	0.35133	0.52200
142	8.7565	0.89139	0.16715	0.36877	0.58800
152	9.9341	1.0113	0.18963	0.41837	1.0000
157	9.9991	1.0178	0.19085	0.41816	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	9.9341	1.0113	0.18963	0.41837	0.46300
157	9.9991	1.0178	0.19085	0.41816	0.49500

>ADDITIONAL PRESSURE RATIOS , 90 DEG SIMPLE LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.942	1.1139	0.20887	0.46081	0.79300
172	9.8493	1.0026	0.18801	0.41479	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SIMPLE LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	9.7844	0.99603	0.18677	0.41204	0.79300
187	9.9741	1.0157	0.19044	0.41995	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 03:23:22.112 FAC 8X6X1 PGM C034 RDG 2268

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.589	1.1811	0.19361	0.42355	0.43400
37	6.2224	0.63415	0.10396	0.22741	0.53300
47	7.8969	0.80480	0.13193	0.28861	0.63100
52	9.9406	1.0131	0.16607	0.36330	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.0213	0.91939	0.15071	0.32970	0.42200
67	6.2974	0.64180	0.10521	0.23015	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	19.739	2.0117	0.32977	0.72140	0.50800
82	9.2911	0.94689	0.15522	0.33956	0.58300
92	9.9506	1.0141	0.16624	0.36366	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	6.5074	0.66319	0.10872	0.23782	-1.0000
-112	9.9356	1.0126	0.16599	0.36312	-1.0000
-122	7.0472	0.71821	0.11773	0.25755	-1.0000
-127	8.3018	0.84550	0.13868	0.29244	-1.0000
-137	8.3367	0.84962	0.13928	0.30468	-1.0000
-142	8.7564	0.89240	0.14629	0.32002	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	6.5074	0.66319	0.10872	0.23782	0.39800
112	9.9356	1.0126	0.16599	0.36312	0.43100
122	7.0472	0.71821	0.11773	0.25755	0.44900
127	8.3018	0.84550	0.13868	0.29244	0.48600
137	8.3367	0.84962	0.13928	0.30468	0.52200
142	8.7564	0.89240	0.14629	0.32002	0.58800
152	9.9556	1.0146	0.16632	0.36385	-1.0000
157	9.9506	1.0141	0.16624	0.36366	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	9.9556	1.0146	0.16632	0.36385	0.46300
157	9.9506	1.0141	0.16624	0.36366	0.49500

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.785	1.0991	0.18018	0.39416	0.79300
172	9.9456	1.0136	0.16616	0.36348	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.8507	1.0039	0.16457	0.36001	0.79300
187	9.9706	1.0161	0.16657	0.36439	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 46

MASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 03:24:24.519 FAC 8X6X1 PGM C034 RDG 2269

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.504	1.3749	0.19340	0.42279	0.43400
37	7.2302	0.73613	0.10355	0.22637	0.53300
47	9.2116	1.93674	0.13177	0.28806	0.63100
52	9.9388	1.0119	0.14234	0.31117	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.517	1.0708	0.15063	0.32928	0.42200
67	7.3450	0.74781	0.10519	0.22996	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	23.158	2.3578	0.33167	0.72506	0.50800
82	9.9188	1.0099	0.14206	0.31054	0.58300
82	9.9537	1.0134	0.14256	0.31164	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.5716	0.66908	0.094118	0.20575	-1.0000
-112	9.9288	1.0109	0.14220	0.31086	-1.0000
-122	7.1654	0.72953	0.10262	0.22434	-1.0000
-127	8.0833	0.82298	0.11577	0.25308	-1.0000
-137	8.4175	0.85701	0.12055	0.26354	-1.0000
-142	8.8216	0.89815	0.12634	0.27619	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.5716	0.66908	0.094118	0.20575	0.39800
112	9.9288	1.0109	0.14220	0.31086	0.43100
122	7.1654	0.72953	0.10262	0.22434	0.44900
127	8.0833	0.82298	0.11577	0.25308	0.48600
137	8.4175	0.85701	0.12055	0.26354	0.52200
142	8.8216	0.89815	0.12634	0.27619	0.58800
152	9.9338	1.0114	0.14227	0.31101	1.0000
157	9.9388	1.0119	0.14234	0.31117	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
162	9.9338	1.0114	0.14227	0.31101	0.46300
167	9.9388	1.0119	0.14234	0.31117	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.657	1.0850	0.15263	0.33365	0.79300
177	10.048	1.0231	0.14391	0.31460	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.919	1.0200	0.14348	0.31367	0.79300
187	9.9487	1.0128	0.14248	0.31148	0.84400

SECTION 5 . MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 03:25:22.226 FAC 8X6X1 PGM C034 RDG 2270

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
[illegible]	10.071	1.0246	0.19173	0.42253	0.43400
57	5.4093	0.55027	0.10298	0.22693	0.53300
62	6.8719	0.69910	0.13083	0.28831	0.63100
67	9.9513	1.0124	0.18945	0.41750	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	7.8852	0.81219	0.15012	0.33082	0.42200
67	5.4739	0.55688	0.10421	0.22966	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	17.174	1.7472	0.32696	0.72053	0.50800
82	9.0581	0.92151	0.17245	0.38003	0.58300
82	9.9513	1.0124	0.18945	0.41750	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	6.5174	0.66304	0.12408	0.27344	-1.0000
-112	9.9363	1.0109	0.18917	0.41688	-1.0000
-122	7.0815	0.72043	0.13482	0.29710	-1.0000
-127	7.9950	0.81336	0.15221	0.33543	-1.0000
-137	8.3394	0.84839	0.15876	0.34988	-1.0000
-142	8.7586	0.89104	0.16675	0.36747	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	6.5174	0.66304	0.12408	0.27344	0.39800
112	9.9363	1.0109	0.18917	0.41688	0.43100
122	7.0815	0.72043	0.13482	0.29710	0.44900
127	7.9950	0.81336	0.15221	0.33543	0.48600
137	8.3394	0.84839	0.15876	0.34988	0.52200
142	8.7586	0.89104	0.16675	0.36747	0.58800
152	9.9313	1.0103	0.18907	0.41667	1.0000
157	9.9363	1.0109	0.18917	0.41688	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
152	9.9313	1.0103	0.18907	0.41667	0.46300
157	9.9363	1.0109	0.18917	0.41688	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	10.575	1.0758	0.20133	0.44367	0.79300
172	9.8765	1.0048	0.18803	0.41436	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
182	9.7966	0.99664	0.18651	0.41101	0.79300
187	9.9413	1.0114	0.18926	0.41709	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

227

ORIGINAL PAGE IS OF POOR QUALITY

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/14/79 03:26:36.630 FAC 8X6X1 PGM C034 RDG 2271

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	6.9827	1.70167	0.19609	0.42534	0.43400
37	8.7132	0.98828	0.24824	0.53846	0.53300
47	8.3079	0.89794	0.25094	0.54432	0.63100
62	9.9449	1.0139	0.28333	0.61458	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	5.4408	0.55468	0.15501	0.33624	0.42200
67	7.9501	0.81049	0.22650	0.49131	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.785	1.2014	0.33574	0.72827	0.50800
82	14.576	1.4860	0.41527	0.90077	0.58300
92	9.9449	1.0139	0.28333	0.61458	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR CHARGE

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.4986	0.66251	0.18514	0.40160	-1.0000
-112	9.9349	1.0128	0.28304	0.61396	-1.0000
-122	7.0024	0.71387	0.19950	0.43274	-1.0000
-127	7.9701	0.81253	0.22707	0.49254	-1.0000
-137	8.2793	0.84405	0.23588	0.51165	-1.0000
-142	8.7331	0.89032	0.24881	0.53970	-1.0000

>ADDITIONAL PRESSURE RATIOS , EJECTOR INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.4986	0.66251	0.18514	0.40160	0.39800
112	9.9349	1.0128	0.28304	0.61396	0.43100
122	7.0024	0.71387	0.19953	0.43274	0.44900
127	7.9701	0.81253	0.22707	0.49254	0.48600
137	8.2793	0.84405	0.23588	0.51165	0.52200
142	8.7331	0.89032	0.24881	0.53970	0.58800
-152	9.9399	1.0133	0.28319	0.61427	-1.0000
-157	9.9449	1.0139	0.28333	0.61458	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9399	1.0133	0.28319	0.61427	0.46300
157	9.9449	1.0139	0.28333	0.61458	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPIRON LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.483	1.0687	0.29867	0.64786	0.79300
172	9.8202	1.0011	0.27978	0.60688	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPIRON LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.7803	0.99708	0.27864	0.60441	0.79300
187	9.9499	1.0144	0.28347	0.61489	0.84400

SECTION 5 - MEASURED THRUST PARAMETERS

228

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/14/79 03:28:04.272 FAC 8X6X1 PGM C034 RDG 2272

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	6.8531	0.69740	0.19513	0.42398	0.43400
37	8.7993	0.89528	0.24770	0.53706	0.53300
47	8.8090	0.89645	0.25083	0.54383	0.63100
52	9.9464	1.0122	0.28321	0.61495	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	5.4207	0.55164	0.15435	0.33465	0.42200
67	7.9409	0.80810	0.22611	0.49024	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	11.777	1.1985	0.33533	0.72705	0.50800
82	15.098	1.5364	0.42989	0.93206	0.58300
92	9.9713	1.0147	0.28392	0.61559	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	6.5637	0.66795	0.18689	0.40521	-1.0000
-112	9.9563	1.0132	0.28351	0.61466	-1.0000
-122	7.1026	0.72280	0.20224	0.43849	-1.0000
-127	8.0656	0.82080	0.22966	0.49794	-1.0000
-137	8.3899	0.85380	0.23889	0.51796	-1.0000
-142	8.7940	0.89492	0.25040	0.54291	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	6.5637	0.66795	0.18689	0.40521	0.39800
112	9.9563	1.0132	0.28350	0.61466	0.43100
122	7.1026	0.72280	0.20224	0.43849	0.44900
127	8.0656	0.82080	0.22966	0.49794	0.48600
137	8.3899	0.85380	0.23889	0.51796	0.52200
142	8.7940	0.89492	0.25040	0.54291	0.58800
152	9.9414	1.0117	0.28307	0.61374	1.0000
157	9.9364	1.0112	0.28293	0.61343	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	9.9414	1.0117	0.28307	0.61374	0.46300
157	9.9364	1.0112	0.28293	0.61343	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.340	1.0523	0.29443	0.63838	0.79300
172	9.7917	0.99645	0.27881	0.60450	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.8017	0.99747	0.27909	0.60512	0.79300
187	9.9264	1.0102	0.28264	0.61282	0.84400

>SUBTION 5 , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT REC 11/14/79 03:30:30.293 FAC 8X6X1 PGM C034 PDG 2273

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	7.6369	0.77837	0.21793	0.42360	0.43400
37	8.7002	0.89593	0.25084	0.48758	0.53300
47	8.7633	0.89288	0.24999	0.48592	0.63100
52	9.9385	1.0130	0.28361	0.55128	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	6.0236	0.61394	0.17189	0.33412	0.42200
67	8.5256	0.86896	0.24329	0.47291	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.760	1.1987	0.33560	0.65234	0.50800
82	14.495	1.4774	0.41364	0.80403	0.58400
92	9.9335	1.0125	0.28347	0.55100	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.4731	0.65976	0.18472	0.35906	-1.0000
-112	9.9185	1.0109	0.28304	0.55017	-1.0000
-122	6.9176	0.70507	0.19740	0.38371	-1.0000
-127	7.8865	0.80381	0.22505	0.43745	-1.0000
-137	8.2210	0.83791	0.23460	0.45601	-1.0000
-147	8.6504	0.88168	0.24685	0.47983	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.4731	0.65976	0.18472	0.35906	0.39800
112	9.9185	1.0109	0.28304	0.55017	0.43100
122	6.9176	0.70507	0.19740	0.38371	0.44900
127	7.8865	0.80381	0.22505	0.43745	0.48600
137	8.2210	0.83791	0.23460	0.45601	0.52200
147	8.6504	0.88168	0.24685	0.47983	0.58800
152	9.9185	1.0109	0.28304	0.55017	1.0000
147	9.9185	1.0109	0.28304	0.55017	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9185	1.0109	0.28304	0.55017	0.46300
157	9.9185	1.0109	0.28304	0.55017	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.198	1.0394	0.29102	0.56568	0.79300
172	9.7438	0.99312	0.27835	0.54048	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.6889	0.98753	0.27649	0.53743	0.79300
187	9.9175	1.0104	0.28290	0.54989	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL PRC 11/14/79 03:31:28.808 FAC 8X6X1 PGM C034 RDG 2274

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	9.6069	0.97704	0.21352	0.42282	0.43400
37	5.1686	0.52614	0.11488	0.22748	0.53300
47	6.5568	0.66746	0.14573	0.28858	0.63100
52	9.9362	1.0115	0.22085	0.43732	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	7.5204	0.76555	0.16715	0.33099	0.42200
67	5.2335	0.53275	0.11632	0.23034	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	14.751	1.5016	0.32786	0.64922	0.50800
82	9.4821	0.96524	0.21075	0.41733	0.58300
87	9.9412	1.0140	0.22140	0.43842	0.67000

>ADDITIONAL PRESSURE RATIOS , ESPTCP SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.5119	0.66289	0.14474	0.28661	-1.0000
-112	9.9312	1.0110	0.22073	0.43710	-1.0000
-122	6.9962	0.71219	0.15550	0.30792	-1.0000
-127	7.9647	0.81078	0.17703	0.35055	-1.0000
-137	8.2842	0.84330	0.18413	0.36461	-1.0000
-142	8.7185	0.88750	0.19378	0.38372	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.5119	0.66289	0.14474	0.28661	0.39800
112	9.9312	1.0110	0.22073	0.43710	0.43100
122	6.9962	0.71219	0.15550	0.30792	0.44900
127	7.9647	0.81078	0.17703	0.35055	0.48600
137	8.2842	0.84330	0.18413	0.36461	0.52200
142	8.7185	0.88750	0.19378	0.38372	0.58800
162	9.9262	1.0105	0.22062	0.43688	1.0000
167	9.9312	1.0110	0.22073	0.43710	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9262	1.0105	0.22062	0.43688	0.46300
157	9.9312	1.0110	0.22073	0.43710	0.48500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.141	1.0323	0.22539	0.44633	0.79300
172	9.9464	1.0123	0.21885	0.43337	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.7466	0.99216	0.21663	0.42897	0.79300
187	9.9312	1.0110	0.22073	0.43710	0.84400

>PATCH 5 , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 03:33:22.449 FAC 8X6X1 PGM C034 SDG 2275

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.282	1.1476	0.21595	0.42346	0.43400
37	6.0512	0.61549	0.11534	0.22712	0.53300
47	7.6839	0.78155	0.14646	0.28840	0.63100
52	9.9400	1.0110	0.18946	0.37308	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	8.7971	0.89477	0.16768	0.33018	0.42200
67	6.1361	0.62412	0.11696	0.23031	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	17.179	1.7473	0.32744	0.64477	0.50800
82	9.0566	0.92117	0.17262	0.33992	0.58300
92	9.9735	1.0141	0.19003	0.37420	0.67000

>ADDITIONAL PRESSURE RATIOS , FIRST-STAGE STATOR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	6.5606	0.66729	0.12505	0.24624	-1.0000
-112	9.9600	1.0131	0.18984	0.37383	-1.0000
-122	7.1048	0.72265	0.13542	0.26666	-1.0000
-127	8.0833	0.82217	0.15407	0.30339	-1.0000
-137	8.4177	0.85619	0.16045	0.31594	-1.0000
-142	8.8371	0.89579	0.16787	0.33056	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	6.5606	0.66729	0.12505	0.24624	0.39800
112	9.9600	1.0131	0.18984	0.37383	0.43100
122	7.1048	0.72265	0.13542	0.26666	0.44900
127	8.0833	0.82217	0.15407	0.30339	0.48600
137	8.4177	0.85619	0.16045	0.31594	0.52200
142	8.8371	0.89579	0.16787	0.33058	0.58800
152	9.9650	1.0136	0.18994	0.37401	-1.0000
157	9.9735	1.0141	0.19003	0.37420	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	9.9650	1.0136	0.18994	0.37401	0.46300
157	9.9735	1.0141	0.19003	0.37420	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.065	1.0237	0.19184	0.37776	0.79300
177	9.9701	1.0139	0.18998	0.37233	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SWITCH LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	9.8602	1.0029	0.18794	0.37008	0.79300
187	9.9650	1.0136	0.18994	0.37401	0.84400

>SECTION 6 , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 03:35:21.790 FAC 8X4X1 PGM C034 PDG 2276

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.903	1.3216	0.21637	0.42317	0.43400
37	6.9659	0.70900	0.11591	0.22669	0.53300
47	8.8624	0.90075	0.14747	0.28841	0.63100
52	9.9652	1.0128	0.16582	0.32430	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.105	1.0270	0.16814	0.32885	0.42200
67	7.0657	0.71814	0.11757	0.22994	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	19.765	2.0089	0.32889	0.64322	0.50800
82	9.3465	0.94995	0.15552	0.30416	0.58300
92	9.9751	1.0138	0.16588	0.32442	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.5716	0.66792	0.10935	0.21386	-1.0000
-112	9.9552	1.0118	0.16565	0.32397	-1.0000
-122	7.1256	0.72423	0.11857	0.23189	-1.0000
-127	8.0780	0.82112	0.13443	0.26292	-1.0000
-137	8.3884	0.85257	0.13958	0.27298	-1.0000
-142	8.8025	0.89467	0.14647	0.28646	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.5716	0.66792	0.10935	0.21386	0.39800
112	9.9552	1.0118	0.16565	0.32397	0.43100
122	7.1256	0.72423	0.11857	0.23189	0.44900
127	8.0780	0.82112	0.13443	0.26292	0.48600
137	8.3884	0.85257	0.13958	0.27298	0.52200
142	8.8025	0.89467	0.14647	0.28646	0.58800
-147	9.9442	1.0109	0.16549	0.32365	-1.0000
-147	9.9402	1.0103	0.16540	0.32344	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	9.9452	1.0108	0.16549	0.32365	0.46300
157	9.9402	1.0103	0.16540	0.32349	0.48500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.000	1.0164	0.16640	0.32544	0.79300
172	9.9103	1.0073	0.16491	0.32251	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.9654	1.0027	0.16416	0.32105	0.79300
187	9.9303	1.0093	0.16524	0.32316	0.84400

>>>

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 03:58:01.835 FAC 8X6X1 PGM C034 RDG 2277

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.972	1.5279	0.21473	0.42377	0.43400
37	8.0178	0.81823	0.11499	0.22694	0.53300
47	10.220	1.0430	0.14658	0.28927	0.63100
52	9.9204	1.0124	0.14228	0.28079	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.673	1.1912	0.16741	0.33039	0.42200
67	8.2026	0.83709	0.11764	0.23217	0.67003

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	23.101	2.3575	0.33132	0.65386	0.50800
82	9.9254	1.0129	0.14235	0.28093	0.58300
92	9.9404	1.0144	0.14257	0.28136	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.5843	0.67193	0.094433	0.18636	-1.0000
-112	9.9304	1.0134	0.14242	0.28107	-1.0000
-122	7.2736	0.74228	0.10432	0.20588	-1.0000
-127	8.2176	0.83862	0.11786	0.23259	-1.0000
-137	8.5522	0.87276	0.12266	0.24207	-1.0000
-142	8.9467	0.91302	0.12832	0.25323	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.5843	0.67193	0.094433	0.18636	0.39800
112	9.9304	1.0134	0.14242	0.28107	0.43100
122	7.2736	0.74228	0.10432	0.20588	0.44900
127	8.2176	0.83862	0.11786	0.23259	0.48600
137	8.5522	0.87276	0.12266	0.24207	0.52200
142	8.9467	0.91302	0.12832	0.25323	0.58800
-152	9.9554	1.0160	0.14278	0.28178	-1.0000
-157	9.9554	1.0160	0.14278	0.28178	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9554	1.0160	0.14278	0.28178	0.46300
157	9.9554	1.0160	0.14278	0.28178	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	9.9903	1.0195	0.14328	0.28277	0.79300
172	10.180	1.0389	0.14572	0.28758	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.185	1.0394	0.14608	0.28828	0.79300
187	9.9754	1.0180	0.14307	0.28235	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

RUN 46

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFIT REC 11/14/79 03:39:07.375 FAC RX6X1 PGM C934 RDG 2278

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	11.264	1.1459	0.21476	0.42330	0.43400
37	6.0467	0.61514	0.11528	0.22723	0.53300
47	7.6914	0.78246	0.14664	0.28903	0.63100
52	9.9354	1.0107	0.18942	0.37336	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.7910	0.89432	0.16761	0.33035	0.42200
67	6.1317	0.62378	0.11690	0.23042	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	17.163	1.7460	0.32723	0.64497	0.50800
82	9.0309	0.91872	0.17218	0.33937	0.58300
82	9.9553	1.0128	0.18980	0.37411	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.5267	0.66396	0.12444	0.24526	-1.0000
-112	9.9653	1.0138	0.19003	0.37449	-1.0000
-122	7.0666	0.71889	0.13473	0.26555	-1.0000
-127	8.0613	0.81907	0.15350	0.30256	-1.0000
-137	8.4112	0.85568	0.16036	0.31608	-1.0000
-142	8.8260	0.89787	0.16827	0.33167	-1.0000

>ADDITIONAL PRESSURE RATIOS , EJECTOR INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.5267	0.66396	0.12444	0.24526	0.39800
112	9.9653	1.0138	0.19003	0.37449	0.43100
122	7.0666	0.71889	0.13473	0.26555	0.48300
127	8.0613	0.81907	0.15350	0.30256	0.48800
137	8.4112	0.85568	0.16036	0.31608	0.52200
142	8.8260	0.89787	0.16827	0.33167	0.58800
152	9.9753	1.0148	0.19019	0.37486	-1.0000
157	9.9753	1.0148	0.19019	0.37486	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9753	1.0148	0.19019	0.37486	0.46300
157	9.9753	1.0148	0.19019	0.37486	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	9.9803	1.0153	0.19028	0.37505	0.79300
172	9.9154	1.0087	0.18904	0.37261	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.8594	1.0031	0.18780	0.37017	0.79300
187	9.9733	1.0147	0.19002	0.37467	0.84400

SECTION 5 MEASURED THRUST PARAMETERS

Run 47

NASA-LEWIS PRELIMINARY DATA CADDF-II FACILITY AX6X1 PROGRAM CD34 RUNS 2279 TO 2292
TIME AND DATE PROCESSED 23:45:11 JUN 21 1979

NOZZLE TYPE	P&W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	SUBSONIC CRUISE
NOZZLE CONFIGURATION	C2
PRIMARY-NOZZLE PLUG	SPLIT PLUG (RETRACTED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

RUN	M0	PTF/PTP	PTF/PD	PTP/PD	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2279	0.895	1.80	3.58	1.99	0.000	0.285	0.963	0.978	0.8114	0.8114	0.8189	0.8189	0.8214	******
2280	0.892	1.81	4.56	2.52	0.000	0.223	0.963	0.979	0.8589	0.8589	0.8642	0.8642	0.8661	******
2281	0.894	1.80	5.34	2.96	0.000	0.192	0.964	0.981	0.8873	0.8873	0.8916	0.8916	0.8932	******
2282	0.893	1.81	6.10	3.37	0.000	0.167	0.965	0.981	0.9112	0.9112	0.9148	0.9148	0.9163	******
2283	0.893	1.81	7.09	3.91	0.000	0.144	0.966	0.982	0.9292	0.9292	0.9322	0.9322	0.9334	******
2284	0.893	1.85	5.35	2.88	0.000	0.191	0.965	0.982	0.8919	0.8919	0.8962	0.8962	0.8978	******
2285	0.893	2.18	3.57	1.63	0.000	0.286	0.963	0.993	0.7865	0.7865	0.7953	0.7953	0.7983	******
2286	0.930	1.98	3.53	1.78	0.000	0.284	0.962	0.982	0.9340	0.9340	0.9340	0.9340	0.9369	******
2287	0.935	1.97	4.58	2.32	0.000	0.219	0.963	0.983	0.9547	0.9547	0.9547	0.9547	0.9567	******
2288	0.947	1.98	5.34	2.69	0.000	0.188	0.964	0.981	0.9605	0.9605	0.9605	0.9605	0.9622	******
2289	0.947	1.97	6.10	3.09	0.000	0.165	0.964	0.980	0.9727	0.9727	0.9727	0.9727	0.9742	******
2290	0.931	1.98	6.20	3.14	0.000	0.162	0.964	0.983	0.9730	0.9730	0.9730	0.9730	0.9744	******
2291	0.943	1.99	5.34	2.69	0.000	0.188	0.963	0.984	0.9602	0.9602	0.9602	0.9602	0.9619	******
2292	0.925	1.97	4.58	2.32	0.000	0.219	0.963	0.982	0.9511	0.9511	0.9511	0.9511	0.9531	******

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII PEC 11/14/79 04:36:31.591 FAC 8X6X1 PGM C034 RUN 47 RDG 2279

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	8.3214	0.84712	0.23642	0.42479	0.43400
37	8.6409	0.87964	0.24549	0.44110	0.53300
47	8.7237	0.88777	0.24776	0.44518	0.63100
52	9.9485	1.0128	0.28264	0.50785	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	6.4741	0.65907	0.18393	0.33049	0.42200
67	9.0901	0.92537	0.25826	0.46403	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.860	1.2053	0.33638	0.60440	0.50800
82	14.414	1.4674	0.40951	0.73581	0.58300
87	9.9685	1.0148	0.28321	0.50887	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR THROAT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.5640	0.66822	0.18649	0.33508	-1.0000
-113	9.9635	1.0143	0.28307	0.50862	-1.0000
-122	6.9585	0.70838	0.19770	0.35522	-1.0000
-127	8.0169	0.81612	0.22777	0.40925	-1.0000
-137	8.3513	0.85017	0.23727	0.42632	-1.0000
-143	8.7706	0.89285	0.24918	0.44773	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.5640	0.66822	0.18649	0.33508	0.39800
113	9.9635	1.0143	0.28307	0.50862	0.43100
122	6.9585	0.70838	0.19770	0.35522	0.44900
127	8.0169	0.81612	0.22777	0.40925	0.48600
137	8.3513	0.85017	0.23727	0.42632	0.52200
143	8.7706	0.89285	0.24918	0.44773	0.58800
153	9.9685	1.0148	0.28321	0.50887	1.0030
163	9.9585	1.0138	0.28293	0.50836	1.0030

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
153	9.9685	1.0148	0.28321	0.50887	0.46300
157	9.9585	1.0138	0.28293	0.50836	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	11.421	1.1626	0.32447	0.58300	0.79300
172	9.8038	0.99803	0.27853	0.50047	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SIMPOD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.7689	0.99447	0.27754	0.49828	0.79300
187	9.8835	1.0113	0.28226	0.50811	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 04:37:34.773 FAC 9X6X1 PGM C034 PDG 2280

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	10.534	1.2691	0.23432	0.42458	0.43400
37	5.4263	0.65393	0.12515	0.22649	0.53300
47	7.1833	0.77896	0.15678	0.28916	0.63100
52	9.9561	1.2034	0.22146	0.40079	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	8.2006	0.83224	0.16241	0.33012	0.42200
67	5.7161	0.58010	0.12715	0.23011	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	14.757	1.4976	0.32825	0.59406	0.50600
82	9.6170	0.97598	0.21392	0.38714	0.58300
92	9.9960	1.0134	0.22213	0.40200	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.5743	0.66729	0.14624	0.26466	-1.0000
-112	9.9760	1.0124	0.22191	0.40160	-1.0000
-122	7.0782	0.71853	0.15745	0.28494	-1.0000
-127	8.0858	0.82059	0.17986	0.32550	-1.0000
-137	8.4051	0.85299	0.18696	0.33836	-1.0000
-142	8.7991	0.89298	0.19573	0.35422	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.5743	0.66729	0.14624	0.26466	0.39800
112	9.9760	1.0124	0.22191	0.40160	0.43100
122	7.0782	0.71833	0.15745	0.28494	0.44900
127	8.0858	0.82059	0.17986	0.32550	0.48600
137	8.4051	0.85299	0.18696	0.33836	0.52200
142	8.7991	0.89298	0.19573	0.35422	0.58800
147	9.9461	1.0094	0.22124	0.40039	1.0000
147	9.9461	1.0094	0.22124	0.40039	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	9.9461	1.0094	0.22124	0.40039	0.46300
157	9.9461	1.0094	0.22124	0.40039	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	11.208	1.1374	0.24930	0.45118	0.79300
172	9.8862	1.0033	0.21991	0.39798	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	9.8114	0.99572	0.21825	0.39497	0.79300
187	9.9411	1.0089	0.22113	0.40019	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
82	10.321	1.2540	0.22468	0.42409	0.43400
87	8.5765	1.0422	0.18543	0.22637	0.53300
47	8.4370	0.85575	0.14525	0.28621	0.63100
52	8.9427	1.0127	0.18963	0.34224	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
82	9.5099	0.96849	0.18136	0.32731	0.42200
87	8.6763	0.67998	0.12733	0.22981	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	17.194	1.7513	0.33794	0.59186	0.50800
82	9.0452	0.92126	0.17252	0.31135	0.58300
87	8.6577	1.0142	0.18982	0.34276	0.67000

~~ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.5316	0.66525	0.12457	0.22483	-1.0000
-112	5.9477	1.0132	0.18673	0.34242	-1.0000
-122	7.0554	0.71859	0.13456	0.24286	-1.0000
-127	8.3183	0.81663	0.15293	0.27599	-1.0000
-137	8.3521	0.85067	0.15930	0.28749	-1.0000
-142	8.7760	0.89384	0.16738	0.30208	-1.0000

ADDITIONAL PRESSURE RATIOS , PRIMARY INLET

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.5316	0.66525	0.12457	0.22483	0.39800
112	5.9477	1.0132	0.18673	0.34242	0.43100
122	7.0554	0.71859	0.13456	0.24286	0.44900
127	8.3183	0.81663	0.15293	0.27599	0.48600
137	8.3521	0.85067	0.15930	0.28749	0.52200
142	8.7760	0.89384	0.16738	0.30208	0.58800
~~152~~	~~8.9527~~	~~1.0137~~	~~0.18982~~	~~0.34249~~	~~1.0000~~
~~157~~	~~8.9527~~	~~1.0137~~	~~0.18982~~	~~0.34259~~	~~1.0000~~

ADDITIONAL PRESSURE RATIOS , FAN DUCT FLAP

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	8.9527	1.0137	0.18982	0.34259	0.46300
157	8.9527	1.0137	0.18982	0.34259	0.49500

ADDITIONAL PRESSURE RATIOS , 90 DEG SWITCH LOCATION

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	11.044	1.1249	0.21065	0.38017	0.79300
172	9.8329	1.0066	0.18849	0.34018	0.84400

ADDITIONAL PRESSURE RATIOS , 90 DEG SWITCH LOCATION

AVD MODE	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	9.7931	0.99764	0.18678	0.33709	0.79300
187	8.8527	1.0137	0.18982	0.34259	0.84400

MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDELL REC 11/14/79 04:39:42.720 FAC 8X6X1 PGM C034 RDG 2282

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
32	14.108	1.4304	0.23454	0.42416	0.43400
37	7.5222	0.76264	0.12505	0.22615	0.53300
47	9.6189	0.97533	0.15993	0.28922	0.63100
52	9.9894	1.0128	0.16607	0.30033	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	10.978	1.1130	0.18251	0.33005	0.42200
67	7.6520	0.77581	0.12721	0.23006	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	19.843	2.0118	0.32987	0.59656	0.50800
82	9.4481	0.95760	0.15702	0.28396	0.58300
92	10.004	1.0143	0.16632	0.30078	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	6.6679	0.67603	0.11085	0.20047	-1.0000
-112	10.004	1.0143	0.16632	0.30078	-1.0000
-122	7.3323	0.74340	0.12190	0.22044	-1.0000
-127	8.3114	0.84266	0.13817	0.24988	-1.0000
-137	8.6260	0.87456	0.14340	0.25934	-1.0000
-142	9.0006	0.91254	0.14963	0.27060	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	6.6679	0.67603	0.11085	0.20047	0.39800
112	10.004	1.0143	0.16632	0.30078	0.43100
122	7.3323	0.74340	0.12190	0.22044	0.44300
127	8.3114	0.84266	0.13817	0.24988	0.48600
137	8.6260	0.87456	0.14340	0.25934	0.52200
142	9.0006	0.91254	0.14963	0.27060	0.58800
152	10.004	1.0143	0.16632	0.30078	1.0000
157	10.009	1.0148	0.16640	0.30093	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
152	10.004	1.0143	0.16632	0.30078	0.46300
157	10.009	1.0148	0.16640	0.30093	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SIMPSON LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	10.913	1.1064	0.18143	0.32810	0.79300
172	10.069	1.0209	0.16740	0.30273	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SIMPSON LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
182	10.079	1.0219	0.16756	0.30303	0.79300
187	9.9894	1.0128	0.16674	0.30063	0.84400

>SECTION E , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CARDFIL PRT 11/14/79 14:40:39.417 FAC BX6X1 PGM C034 RDG 2283

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	16.340	1.6636	0.23413	0.42442	0.43400
37	8.7014	0.88429	0.12466	0.22601	0.53300
47	11.165	1.1347	0.15996	0.29000	0.63100
52	9.9584	1.0120	0.14267	0.25866	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	12.721	1.2928	0.18225	0.33041	0.42200
67	8.8763	0.90203	0.12716	0.23054	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	23.219	2.3597	0.33264	0.60309	0.50800
82	9.9534	1.0115	0.14259	0.25853	0.58300
92	9.9634	1.0125	0.14274	0.25879	0.27600

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	6.6658	0.67742	0.095496	0.17314	-1.0000
-112	9.9434	1.0105	0.14245	0.25827	-1.0000
-122	7.3943	0.75145	0.10593	0.19206	-1.0000
-127	8.3622	0.84981	0.11980	0.21720	-1.0000
-137	8.6515	0.87922	0.12394	0.22471	-1.0000
-142	8.9907	0.91369	0.12880	0.23352	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	6.6658	0.67742	0.095496	0.17314	0.39800
112	9.9434	1.0105	0.14245	0.25827	0.43100
122	7.3943	0.75145	0.10593	0.19206	0.44900
127	8.3622	0.84981	0.11980	0.21720	0.48600
137	8.6515	0.87922	0.12394	0.22471	0.52200
142	8.9907	0.91369	0.12880	0.23352	0.58800
147	9.2284	1.0100	0.14238	0.25814	1.0000
177	9.9334	1.0095	0.14231	0.25801	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
152	9.9384	1.0100	0.14238	0.25814	0.46300
157	9.9334	1.0095	0.14231	0.25801	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD INCLINATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	10.801	1.0977	0.15474	0.28055	0.79300
172	10.158	1.0323	0.14552	0.26384	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD INCLINATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	10.218	1.0384	0.14638	0.26539	0.79300
187	9.9434	1.0105	0.14246	0.25827	0.84400

SECTION E - MEASURED INPUT PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFII REC 11/14/79 04:41:30.538 FAC 8X6X1 PGM C034 RDG 2294

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	12.437	1.2697	0.23584	0.42437	0.43400
37	6.6118	0.67139	0.12538	0.22561	0.53300
47	8.5037	0.86308	0.16123	0.29006	0.63100
52	9.9795	1.0132	0.18924	0.34052	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	9.6648	0.98157	0.18327	0.32978	0.42200
67	6.7467	0.69500	0.12794	0.23021	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	17.390	1.7555	0.32788	0.58997	0.50800
82	9.0703	0.92091	0.17200	0.30949	0.58300
92	9.9795	1.0132	0.18924	0.34052	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	6.5368	0.66369	0.12396	0.22305	-1.0000
-112	9.9646	1.0117	0.18896	0.34001	-1.0000
-122	6.9816	0.70885	0.13239	0.23822	-1.0000
-127	8.0761	0.81489	0.15220	0.27386	-1.0000
-137	8.4008	0.85294	0.15930	0.28665	-1.0000
-142	8.8005	0.89352	0.16688	0.30029	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	6.5368	0.66369	0.12396	0.22305	0.39800
112	9.9646	1.0117	0.18896	0.34001	0.43100
122	6.9816	0.70885	0.13239	0.23822	0.44900
127	8.0761	0.81489	0.15220	0.27386	0.48600
137	8.4008	0.85294	0.15930	0.28665	0.52200
142	8.8005	0.89352	0.16688	0.30029	0.58800
147	9.9795	1.0137	0.18934	0.34069	-1.0000
152	9.9845	1.0137	0.18934	0.34069	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	9.9845	1.0137	0.18934	0.34069	0.46300
157	9.9845	1.0137	0.18934	0.34069	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.729	1.0893	0.20345	0.36609	0.79300
172	9.9446	1.0097	0.18858	0.33933	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.9497	1.0103	0.18878	0.33609	0.79300
187	9.9845	1.0147	0.18959	0.34103	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.8430	0.69526	0.19498	0.42568	0.43400
37	8.7208	0.88601	0.24792	0.54124	0.53300
47	8.8456	0.89872	0.25204	0.55025	0.63100
52	9.9690	1.0129	0.28405	0.62013	0.72900

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.3494	0.54350	0.15242	0.33276	0.42200
67	7.9617	0.80892	0.22696	0.49527	0.67000

ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.796	1.1985	0.33611	0.73379	0.50800
82	14.875	1.5114	0.42385	0.92534	0.58300
92	9.9790	1.0139	0.28434	0.62075	0.67000

ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.5433	0.66481	0.18644	0.40703	-1.0000
-112	9.9590	1.0118	0.28377	0.61951	-1.0000
-122	7.0828	0.71962	0.20181	0.44059	-1.0000
-127	8.0566	0.81856	0.22956	0.50117	-1.0000
-137	8.3812	0.85154	0.23881	0.52136	-1.0000
-142	8.7707	0.89111	0.24991	0.54559	-1.0000

ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.5433	0.66481	0.18644	0.40703	0.39800
112	9.9590	1.0118	0.28377	0.61951	0.43100
122	7.0828	0.71962	0.20181	0.44059	0.44900
127	8.0566	0.81856	0.22956	0.50117	0.48600
137	8.3812	0.85154	0.23881	0.52136	0.52200
142	8.7707	0.89111	0.24991	0.54559	0.58800
152	9.9690	1.0129	0.28405	0.62013	-1.0000
147	9.9740	1.0134	0.28419	0.62044	-1.0000

ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	9.9690	1.0129	0.28405	0.62013	0.46300
157	9.9740	1.0134	0.28419	0.62044	0.49500

ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.463	1.0631	0.29813	0.65088	0.79200
172	9.8592	1.0017	0.28092	0.61330	0.84400

ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.8442	1.0002	0.28050	0.61237	0.79300
187	9.9690	1.0129	0.28405	0.62013	0.84400

SECTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

R.L.

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDETT PEC 11/14/79 05:10:06.659 FAC 8X6X1 PGM C034 PDG 2286

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.964	0.75785	0.21495	0.42538	0.43400
37	5.9384	0.41464	0.11760	0.23273	0.53300
47	10.110	0.70589	0.20022	0.39622	0.63100
52	14.259	0.99560	0.28239	0.55883	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.4716	0.59151	0.16777	0.33201	0.42200
67	5.9035	0.41080	0.11652	0.23058	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	17.219	1.2023	0.34101	0.67484	0.50800
82	23.688	1.6539	0.46911	0.92835	0.58300
87	14.259	0.99560	0.28239	0.55883	0.67000

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.184	0.99037	0.28090	0.55590	-1.0000
-112	14.269	0.99630	0.28258	0.55922	-1.0000
-122	14.139	0.98724	0.28001	0.55414	-1.0000
-127	14.149	0.98793	0.28021	0.55453	-1.0000
-137	14.019	0.97887	0.27764	0.54944	-1.0000
-142	13.675	0.95483	0.26983	0.53398	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.184	0.99037	0.28090	0.55590	0.39800
112	14.269	0.99630	0.28258	0.55922	0.43100
122	14.139	0.98724	0.28001	0.55414	0.44900
127	14.149	0.98793	0.28021	0.55453	0.48600
137	14.019	0.97887	0.27764	0.54944	0.52200
142	13.675	0.95483	0.26983	0.53398	0.58800
-1**	14.274	0.99665	0.28268	0.55942	-1.0000
-1**	14.269	0.99630	0.28258	0.55922	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.276	0.99665	0.28268	0.55942	0.46300
157	14.269	0.99630	0.28258	0.55922	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.660	0.95338	0.27013	0.53457	0.79300
177	12.592	0.87918	0.24936	0.49348	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.472	0.87081	0.24699	0.48878	0.79300
187	14.269	0.99633	0.28258	0.55922	0.84400

>ADDITIONAL , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	14.165	0.99057	0.21608	0.42610	0.43400
37	7.5388	0.52708	0.11454	0.22587	0.53300
47	9.6916	0.67773	0.14784	0.29153	0.63100
52	14.250	0.99651	0.21737	0.42865	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.030	0.77132	0.16825	0.33179	0.42200
67	7.7036	0.53871	0.11751	0.23173	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	21.932	1.5337	0.33465	0.65971	0.50800
82	14.525	1.0157	0.22156	0.43691	0.58300
92	14.245	0.99616	0.21730	0.42850	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.165	0.99057	0.21608	0.42610	-1.0000
-113	14.265	0.99755	0.21760	0.42910	-1.0000
-122	14.115	0.98708	0.21532	0.42460	-1.0000
-127	14.135	0.98848	0.21563	0.42520	-1.0000
-137	14.036	0.98149	0.21410	0.42219	-1.0000
-143	13.741	0.96090	0.20961	0.41334	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.165	0.99057	0.21608	0.42610	0.39800
113	14.265	0.99755	0.21760	0.42910	0.43100
122	14.115	0.98708	0.21532	0.42460	0.44900
127	14.135	0.98848	0.21562	0.42520	0.48600
137	14.036	0.98149	0.21410	0.42219	0.52200
143	13.741	0.96090	0.20961	0.41334	0.58900
-148	14.261	0.99754	0.21760	0.42910	-1.0000
-157	14.265	0.99755	0.21760	0.42910	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.265	0.99755	0.21760	0.42910	0.46300
157	14.265	0.99755	0.21760	0.42910	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.407	0.93751	0.20450	0.40327	0.79300
172	13.137	0.91866	0.20039	0.39516	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.032	0.91133	0.19875	0.39201	0.79300
187	14.265	0.99755	0.21760	0.42910	0.84400

>SECTION 5 - MEASURED TURBIST PARAMETERS

R.C1-

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
37	16.324	1.1459	0.21451	0.42525	0.43400
37	8.6533	0.60561	0.11337	0.22474	0.53300
47	11.196	0.78365	0.14668	0.29077	0.63100
52	14.257	0.99779	0.18678	0.37027	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	12.749	0.89505	0.16755	0.33214	0.42200
67	8.9830	0.62868	0.11768	0.23330	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	25.710	1.7993	0.33682	0.66771	0.50800
82	13.164	0.92126	0.17245	0.34187	0.58300
87	14.242	0.99674	0.18658	0.36988	0.67000

>ADDITIONAL PRESSURE RATIOS , EXCITER CHARGE

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.142	0.98975	0.18527	0.36729	-1.0000
-112	14.267	0.99849	0.18691	0.37053	-1.0000
-122	14.102	0.98696	0.18475	0.36625	-1.0000
-127	14.112	0.98786	0.18488	0.36651	-1.0000
-137	14.007	0.98032	0.18351	0.36379	-1.0000
-147	13.698	0.95865	0.17945	0.35575	-1.0000

>ADDITIONAL PRESSURE RATIOS , EMERGENCY TEST

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.142	0.98975	0.18527	0.36729	0.39800
112	14.267	0.99849	0.18691	0.37053	0.43100
122	14.102	0.98696	0.18475	0.36625	0.44900
127	14.112	0.98786	0.18488	0.36651	0.48600
137	14.007	0.98032	0.18351	0.36379	0.52200
147	13.698	0.95865	0.17945	0.35575	0.58800
152	14.267	0.99849	0.18691	0.37053	1.0000
157	14.262	0.99814	0.18684	0.37040	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	14.267	0.99849	0.18691	0.37053	0.46300
157	14.262	0.99814	0.18684	0.37040	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.338	0.93349	0.17474	0.34641	0.79300
172	13.124	0.91846	0.17193	0.34083	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	12.994	0.90938	0.17023	0.33746	0.79300
187	14.262	0.99814	0.18684	0.37040	0.84400

>SECTION F , MEASURED INLET PARAMETERS

F 2

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDFIT REC 11/14/79 05:14:33.892 FAC 8X6X1 PGM C034 RDG 2289

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	18.739	1.3158	0.21565	0.42562	0.43400
37	10.348	0.72439	0.11871	0.23428	0.53300
47	12.989	0.90717	0.14786	0.29182	0.63100
52	14.257	0.99791	0.16355	0.32279	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	14.866	1.0405	0.17054	0.33657	0.42200
67	10.288	0.72010	0.11802	0.23293	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	29.916	2.0939	0.34318	0.67729	0.50800
82	13.638	0.95458	0.15645	0.30877	0.58300
92	14.242	0.99686	0.16338	0.32245	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.122	0.98848	0.16201	0.31974	-1.0000
-112	14.267	0.99861	0.16367	0.32301	-1.0000
-122	14.088	0.98603	0.16160	0.31894	-1.0000
-127	14.103	0.98708	0.16178	0.31928	-1.0000
-137	13.998	0.97974	0.16057	0.31691	-1.0000
-142	13.713	0.95983	0.15731	0.31047	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.122	0.98848	0.16201	0.31974	0.39800
112	14.267	0.99861	0.16367	0.32301	0.43100
122	14.088	0.98603	0.16160	0.31894	0.44900
127	14.103	0.98708	0.16178	0.31928	0.48600
137	13.998	0.97974	0.16057	0.31691	0.52200
142	13.713	0.95983	0.15731	0.31047	0.58800
152	14.267	0.99861	0.16367	0.32301	-1.0000
157	14.267	0.99861	0.16367	0.32301	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
162	14.267	0.99861	0.16367	0.32301	0.46300
167	14.267	0.99861	0.16367	0.32301	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.314	0.93117	0.15261	0.30120	0.79300
172	13.239	0.92663	0.15187	0.29973	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.134	0.91929	0.15067	0.29736	0.79300
187	14.267	0.99861	0.16367	0.32301	0.84400

SECTION 5 . MEASURED THRUST PARAMETERS

E1

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	19.375	1.3342	0.21533	0.42539	0.43400
37	10.381	0.72610	0.11719	0.23151	0.53300
42	13.062	0.91360	0.14745	0.29129	0.63100
52	14.249	0.99668	0.16086	0.31778	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.868	1.0400	0.16784	0.33158	0.42200
67	10.431	0.72959	0.11775	0.23262	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	30.339	2.1011	0.33910	0.66991	0.50800
82	13.775	0.96352	0.15550	0.30720	0.58300
87	14.249	0.99598	0.16074	0.31756	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.125	0.98795	0.15945	0.31500	-1.0000
-112	14.264	0.99773	0.16103	0.31811	-1.0000
-122	14.080	0.98481	0.15894	0.31399	-1.0000
-127	14.100	0.98621	0.15917	0.31444	-1.0000
-132	14.110	0.97922	0.15804	0.31221	-1.0000
-142	13.710	0.95898	0.15477	0.30576	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.125	0.98795	0.15945	0.31500	0.39800
112	14.264	0.99773	0.16103	0.31811	0.43100
122	14.090	0.98481	0.15894	0.31399	0.44900
127	14.100	0.98621	0.15917	0.31444	0.48600
132	14.110	0.97922	0.15804	0.31221	0.52200
142	13.710	0.95898	0.15477	0.30576	0.58800
152	14.249	0.99738	0.16097	0.31800	-1.0000
157	14.249	0.99738	0.16097	0.31800	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
152	14.259	0.99738	0.16097	0.31800	0.46300
157	14.259	0.99738	0.16097	0.31800	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SIMPOD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.276	0.92861	0.14987	0.29607	0.79300
172	13.266	0.92791	0.14976	0.29585	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SIMPOD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.156	0.92023	0.14852	0.29340	0.79300
187	14.259	0.99738	0.16097	0.31800	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 08/21/79 CADDFIT REC 11/14/79 05:17:49.197 FAC 8X64 PGM C034 RDG 2291

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.360	1.1446	0.21431	0.42609	0.43400
37	8.9372	0.98721	0.11538	0.22938	0.53300
47	11.229	0.78564	0.14719	0.29245	0.63100
52	14.259	0.99762	0.18679	0.37137	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.786	0.89461	0.16750	0.33302	0.42200
67	8.9819	0.62844	0.11767	0.23394	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.611	1.7919	0.33551	0.66704	0.50800
82	13.175	0.92185	0.17260	0.34316	0.58300
87	14.244	0.99658	0.18659	0.37098	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.149	0.98994	0.18535	0.36851	-1.0000
-112	14.269	0.99832	0.18697	0.37163	-1.0000
-122	14.104	0.98680	0.18476	0.36734	-1.0000
-127	14.119	0.98785	0.18496	0.36773	-1.0000
-137	14.009	0.98017	0.18352	0.36487	-1.0000
-142	13.705	0.95886	0.17953	0.35694	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.149	0.98994	0.18535	0.36851	0.39800
112	14.269	0.99832	0.18697	0.37163	0.43100
122	14.104	0.98680	0.18476	0.36734	0.44900
127	14.119	0.98785	0.18496	0.36773	0.48600
137	14.009	0.98017	0.18352	0.36487	0.52200
142	13.705	0.95886	0.17953	0.35694	0.58800
147	14.269	0.99832	0.18697	0.37163	1.0000
152	14.269	0.99832	0.18697	0.37163	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.269	0.99832	0.18692	0.37163	0.46300
157	14.269	0.99832	0.18692	0.37163	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.205	0.92394	0.17299	0.34394	0.79300
172	13.151	0.92015	0.17227	0.34251	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.791	0.89893	0.17018	0.33835	0.79300
187	14.274	0.99867	0.18699	0.37176	0.84400

>ADDITIONAL PRESSURE RATIOS , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/21/79 CADDEII REC 11/14/79 05:20:09.916 FAC 8X6X1 PGM C034 RDG 2292

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	14.160	1.00000	0.21584	0.42613	0.43400
37	7.5367	0.53263	0.11488	0.22681	0.53300
47	9.4253	0.67643	0.14747	0.29116	0.63100
52	14.255	0.99664	0.21728	0.42899	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	10.699	0.76898	0.16765	0.33100	0.42200
67	7.7116	0.53915	0.11754	0.23207	0.67000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	21.979	1.5296	0.33349	0.65842	0.50800
82	14.479	1.0116	0.22055	0.43545	0.58300
82	14.250	0.99629	0.21721	0.42884	0.67000

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.170	0.99070	0.21599	0.42643	-1.0000
-112	14.275	0.99803	0.21759	0.42959	-1.0000
-122	14.135	0.98826	0.21545	0.42538	-1.0000
-127	14.145	0.98896	0.21561	0.42568	-1.0000
-137	14.045	0.98197	0.21408	0.42268	-1.0000
-142	13.746	0.96103	0.20952	0.41366	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARDV INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.170	0.99070	0.21599	0.42643	0.39800
112	14.275	0.99803	0.21759	0.42959	0.43100
122	14.135	0.98826	0.21545	0.42538	0.44900
127	14.145	0.98896	0.21561	0.42568	0.48600
137	14.045	0.98197	0.21408	0.42268	0.52200
142	13.746	0.96103	0.20952	0.41366	0.58800
152	14.273	0.99768	0.21751	0.42944	-1.0000
157	14.270	0.99768	0.21751	0.42944	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
152	14.270	0.99768	0.21751	0.42944	0.46300
157	14.270	0.99769	0.21751	0.42944	0.49500

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.141	0.91878	0.20031	0.39548	0.79300
172	13.122	0.91738	0.20000	0.39488	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.027	0.91075	0.19856	0.39202	0.79300
187	14.255	0.99733	0.21743	0.42929	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

RUN 57

NASA-LEWIS PRELIMINARY DATA CODE-II FACILITY RXGX1 PROGRAM CD34 RDGS 2592 TO 2627
TIME AND DATE PROCESSED 22:29:39 DEC 15 1978

NOZZLE TYPE	P&W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	TAKEOFF
NOZZLE CONFIGURATION	C3
PRIMARY-NOZZLE PLUG	SPLIT PLUG (EXTENDED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	CDF	CDP	CFI	ETAI	ETAI;INT	CFPI	CFPZ	F9
2592	0.016	1.68	1.84	1.09	0.000	0.982	1.146	0.9492	0.9492	0.9492	0.9492	0.9508	******
2593	0.023	1.67	2.11	1.26	0.000	0.958	1.046	0.9729	0.9729	0.9729	0.9729	0.9758	******
2594	0.029	1.67	2.52	1.50	0.000	0.974	1.016	0.9446	0.9446	0.9446	0.9446	0.9478	******
2595	0.043	1.68	3.11	1.85	0.000	0.973	0.942	0.9497	0.9497	0.9497	0.9497	0.9524	******
2596	0.052	1.69	3.61	2.14	0.000	0.972	0.936	0.9703	0.9703	0.9703	0.9703	0.9725	******
2597	0.052	1.68	4.05	2.40	0.000	0.972	0.977	0.9819	0.9819	0.9819	0.9819	0.9838	******
2598	0.052	1.68	3.61	2.15	0.000	0.970	0.937	0.9721	0.9721	0.9721	0.9721	0.9743	******
2599	0.052	1.67	3.12	1.86	0.000	0.975	0.962	0.9396	0.9396	0.9397	0.9397	0.9423	******
2600	0.035	1.66	2.53	1.52	0.000	0.975	1.092	0.9406	0.9406	0.9406	0.9406	0.9438	******
2601	0.027	1.66	2.12	1.28	0.000	0.973	1.028	0.9552	0.9552	0.9552	0.9552	0.9581	******
2602	0.012	1.67	1.83	1.09	0.000	0.971	1.102	0.9521	0.9521	0.9521	0.9521	0.9537	******
2603	0.019	1.69	1.83	1.08	0.000	0.970	1.127	0.9491	0.9491	0.9491	0.9491	0.9506	******
2604	0.025	1.69	2.11	1.25	0.000	0.971	1.023	0.9561	0.9561	0.9561	0.9561	0.9588	******
2605	0.027	1.69	2.51	1.49	0.000	0.973	1.018	0.9392	0.9392	0.9393	0.9393	0.9424	******
2606	0.039	1.70	3.10	1.83	0.000	0.973	0.990	0.9315	0.9315	0.9315	0.9315	0.9343	******
2607	0.052	1.70	3.60	2.12	0.000	0.976	0.933	0.9650	0.9650	0.9650	0.9650	0.9671	******
2608	0.051	1.70	4.02	2.37	0.000	0.976	0.977	0.9759	0.9759	0.9759	0.9759	0.9778	******
2609	0.047	1.70	3.61	2.13	0.000	0.976	0.933	0.9645	0.9645	0.9645	0.9645	0.9666	******
2610	0.039	1.69	3.11	1.84	0.000	0.981	0.963	0.9324	0.9324	0.9325	0.9325	0.9351	******
2611	0.031	1.68	2.51	1.50	0.000	0.975	1.009	0.9386	0.9386	0.9386	0.9386	0.9418	******
2612	0.031	1.68	2.12	1.27	0.000	0.972	1.032	0.9518	0.9518	0.9518	0.9518	0.9546	******
2613	0.014	1.69	1.83	1.08	0.000	0.970	1.116	0.9457	0.9457	0.9457	0.9457	0.9472	******
2614	0.051	1.70	4.00	2.36	0.000	0.986	0.959	0.9635	0.9635	0.9635	0.9635	0.9655	******
2615	0.050	1.70	3.61	2.12	0.000	0.976	0.939	0.9657	0.9657	0.9657	0.9657	0.9679	******
2616	0.019	1.67	1.82	1.09	0.000	0.970	1.028	0.9478	0.9478	0.9478	0.9478	0.9511	******
2617	0.025	1.46	2.12	1.46	0.000	0.974	1.006	0.9516	0.9516	0.9517	0.9517	0.9554	******
2618	0.035	1.46	2.51	1.72	0.000	0.972	0.979	0.9401	0.9401	0.9401	0.9401	0.9435	******
2619	0.047	1.48	3.12	2.11	0.000	0.960	0.961	0.9536	0.9536	0.9537	0.9537	0.9562	******
2620	0.051	1.46	3.59	2.45	0.000	0.985	0.961	0.9559	0.9559	0.9560	0.9560	0.9581	******
2621	0.053	1.47	4.02	2.74	0.000	0.976	0.972	0.9766	0.9766	0.9766	0.9766	0.9785	******
2622	0.054	1.47	4.01	2.74	0.000	0.973	0.971	0.9798	0.9798	0.9798	0.9798	0.9817	******
2623	0.053	1.46	3.61	2.47	0.000	0.972	0.954	0.9685	0.9685	0.9685	0.9685	0.9706	******
2624	0.047	1.48	3.11	2.10	0.000	0.975	0.971	0.9403	0.9403	0.9403	0.9403	0.9429	******
2625	0.029	1.45	2.51	1.73	0.000	0.974	0.976	0.9397	0.9397	0.9397	0.9397	0.9431	******
2626	0.027	1.44	2.12	1.47	0.000	0.973	1.031	0.9557	0.9557	0.9557	0.9557	0.9595	******
2627	0.016	1.46	1.82	1.25	0.000	0.970	1.031	0.9502	0.9502	0.9502	0.9502	0.9535	******

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEIT PFC 12/01/78 01:30:31.523 FAC 8X6XI PGM C034 RDG 2592

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.426	0.93372	0.50834	0.85536	0.00000
37	13.831	0.96190	0.52368	0.88118	0.00000
47	13.986	0.97268	0.52955	0.89106	0.00000
52	14.096	0.98033	0.53372	0.89807	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.726	0.95459	0.51970	0.87448	0.12500
67	13.746	0.95598	0.52046	0.87576	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.241	0.92084	0.50133	0.84357	0.20900
82	13.586	0.94485	0.51440	0.86556	0.28400
92	15.887	1.1049	0.60152	1.0122	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.101	0.98068	0.53391	0.89839	-1.0000
-112	14.096	0.98033	0.53372	0.89807	-1.0000
-122	14.101	0.98068	0.53391	0.89839	-1.0000
-127	14.101	0.98068	0.53391	0.89839	-1.0000
-137	14.101	0.98068	0.53391	0.89839	-1.0000
-142	14.076	0.97894	0.53296	0.89679	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.101	0.98068	0.53391	0.89839	0.00000
112	14.096	0.98033	0.53372	0.89807	0.00000
122	14.101	0.98068	0.53391	0.89839	0.00000
127	14.101	0.98068	0.53391	0.89839	0.00000
137	14.101	0.98068	0.53391	0.89839	0.00000
142	14.076	0.97894	0.53296	0.89679	0.00000
152	14.086	0.97964	0.53334	0.89743	-1.0000
157	14.086	0.97964	0.53334	0.89743	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.086	0.97964	0.53334	0.89743	-1.0000
-157	14.086	0.97964	0.53334	0.89743	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.086	0.97964	0.53334	0.89743	0.18900
172	13.431	0.93406	0.50853	0.85568	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.736	0.95550	0.51914	0.87325	0.18900
187	13.331	0.92711	0.50474	0.84931	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:31:17.202 FAC 8X6X1 PGM C034 RDG 2593

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.727	0.88589	0.41946	0.70119	0.03000
37	13.753	0.95703	0.45315	0.75750	0.09000
47	14.085	0.98040	0.46421	0.77599	0.00000
52	14.306	0.99574	0.47149	0.78814	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.709	0.95424	0.45183	0.75529	0.12500
67	13.644	0.94971	0.44968	0.75171	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.028	0.90682	0.42937	0.71775	0.20900
82	13.244	0.92181	0.43647	0.72962	0.28400
92	16.139	1.1234	0.53190	0.88915	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.080	0.98005	0.46405	0.77572	-1.0000
-112	14.075	0.97970	0.46388	0.77544	-1.0000
-122	14.075	0.97970	0.46388	0.77544	-1.0000
-127	14.075	0.97970	0.46388	0.77544	-1.0000
-137	14.075	0.97970	0.46388	0.77544	-1.0000
-142	13.910	0.96819	0.45843	0.76633	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.080	0.98005	0.46405	0.77572	0.00000
112	14.075	0.97970	0.46388	0.77544	0.00000
122	14.075	0.97970	0.46388	0.77544	0.00000
127	14.075	0.97970	0.46388	0.77544	0.00000
137	14.075	0.97970	0.46388	0.77544	0.00000
142	13.910	0.96819	0.45843	0.76633	0.00000
-152	14.080	0.98005	0.46405	0.77572	-1.0000
-157	14.075	0.97970	0.46388	0.77544	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.080	0.98005	0.46405	0.77572	-1.0000
-157	14.075	0.97970	0.46388	0.77544	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.080	0.98005	0.46405	0.77572	0.18900
172	13.264	0.92321	0.43713	0.73073	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.138	0.91449	0.43300	0.72383	0.18900
187	13.269	0.92356	0.43730	0.73100	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/21/78 01:32:33.803 FAC 8X6X1 PGM C034 RDG 2594

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.7564	0.47932	0.18689	0.31278	0.00000
37	13.211	0.91963	0.36547	0.61159	0.00000
47	14.402	1.0025	0.39837	0.66674	0.00000
52	14.787	1.0294	0.40903	0.68458	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.457	1.0064	0.39990	0.66929	0.12500
67	13.076	0.91022	0.36168	0.60533	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.633	0.74016	0.29411	0.49224	0.20900
82	15.758	1.0970	0.43587	0.72953	0.28400
92	18.015	1.2541	0.49832	0.83401	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.117	0.98269	0.39048	0.65353	-1.0000
-112	14.112	0.98234	0.39034	0.65330	-1.0000
-122	14.107	0.98199	0.39021	0.65307	-1.0000
-127	14.077	0.97990	0.38937	0.65168	-1.0000
-137	14.067	0.98130	0.38993	0.65260	-1.0000
-142	13.927	0.96945	0.38522	0.64472	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.117	0.98269	0.39048	0.65353	0.00000
112	14.112	0.98234	0.39034	0.65330	0.00000
122	14.107	0.98199	0.39021	0.65307	0.00000
127	14.077	0.97990	0.38937	0.65168	0.00000
137	14.067	0.98130	0.38993	0.65260	0.00000
142	13.927	0.96945	0.38522	0.64472	0.00000
-152	14.062	0.97746	0.38841	0.65005	-1.0000
-157	14.057	0.97851	0.38882	0.65075	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.062	0.97746	0.38843	0.65005	-1.0000
-157	14.057	0.97851	0.38882	0.65075	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.062	0.97886	0.38896	0.65098	0.18900
172	13.291	0.92523	0.36764	0.61530	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.246	0.92206	0.36639	0.61321	0.18900
187	13.296	0.92555	0.36778	0.61553	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/01/78 01:34:13.866 FAC 8X6X1 PGM C034 RDC 2595

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.7547	0.54036	0.17403	0.29273	0.00000
37	13.244	0.92287	0.29722	0.49994	0.00000
47	14.868	1.0360	0.33366	0.56123	0.00000
52	16.306	1.1362	0.36593	0.61551	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.934	1.2497	0.40247	0.67698	0.12500
67	15.314	1.0671	0.34367	0.57806	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.327	0.85896	0.27664	0.46532	0.20900
82	14.046	0.97875	0.31521	0.53021	0.28400
92	22.839	1.5915	0.51255	0.86214	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.076	0.98084	0.31589	0.53134	-1.0000
-112	14.081	0.98119	0.31600	0.53153	-1.0000
-122	13.966	0.97316	0.31341	0.52718	-1.0000
-127	13.961	0.97281	0.31330	0.52699	-1.0000
-137	14.011	0.97630	0.31443	0.52888	-1.0000
-142	13.870	0.96652	0.31128	0.52359	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.076	0.98084	0.31589	0.53134	0.00000
112	14.081	0.98119	0.31600	0.53153	0.00000
122	13.966	0.97316	0.31341	0.52718	0.00000
127	13.961	0.97281	0.31330	0.52699	0.00000
137	14.011	0.97630	0.31443	0.52888	0.00000
142	13.870	0.96652	0.31128	0.52359	0.00000
-152	14.011	0.97630	0.31443	0.52888	-1.0000
-157	14.006	0.97595	0.31431	0.52869	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.011	0.97630	0.31443	0.52888	-1.0000
-157	14.006	0.97595	0.31431	0.52869	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.006	0.97595	0.31431	0.52869	0.18900
172	13.234	0.92217	0.29699	0.49956	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.214	0.92078	0.29655	0.49883	0.18900
187	13.304	0.92706	0.29857	0.50221	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12715/78 CADDETT DEC 12701/78 01:35:13.879 FAC 8X6XI PGM C034 ROG 2596

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.303	1.2071	0.33472	0.56467	0.00000
37	16.166	1.1278	0.31272	0.52757	0.00000
47	12.629	0.88102	0.24430	0.41214	0.00000
52	14.177	0.98552	0.27328	0.46103	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.770	1.5187	0.42114	0.71048	0.12500
67	18.890	1.3115	0.36369	0.61355	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.355	0.93170	0.25836	0.43585	0.20900
82	13.861	0.96700	0.26815	0.45237	0.28400
92	17.999	1.2556	0.34818	0.58739	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.992	0.97609	0.27067	0.45662	-1.0000
-112	14.067	0.98133	0.27212	0.45907	-1.0000
-122	13.916	0.97084	0.26921	0.45416	-1.0000
-127	13.957	0.97364	0.26999	0.45547	-1.0000
-137	14.067	0.98133	0.27212	0.45907	-1.0000
-142	13.831	0.96490	0.26756	0.45138	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.992	0.97609	0.27067	0.45662	0.00000
112	14.067	0.98133	0.27212	0.45907	0.00000
122	13.916	0.97084	0.26921	0.45416	0.00000
127	13.957	0.97364	0.26999	0.45547	0.00000
137	14.067	0.98133	0.27212	0.45907	0.00000
142	13.831	0.96490	0.26756	0.45138	0.00000
-147	14.062	0.98098	0.27202	0.45890	-1.0000
-157	14.062	0.98098	0.27202	0.45890	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.062	0.98098	0.27202	0.45890	-1.0000
-157	14.062	0.98098	0.27202	0.45890	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.062	0.98098	0.27202	0.45890	0.18900
172	13.255	0.92471	0.25642	0.43258	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.145	0.91702	0.25429	0.42899	0.18900
187	13.275	0.92611	0.25681	0.43324	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 FANDETT REF 12/01/78 01:36:31.215 FAC 8X6X1 PGM C034 ROG 2597

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.0339	0.63069	0.15574	0.26242	0.00000
37	18.928	1.3216	0.32611	0.54946	0.00000
47	14.796	1.0323	0.25491	0.42950	0.00000
52	11.818	0.82452	0.20361	0.34310	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	23.116	1.6127	0.39825	0.67102	0.12500
67	17.803	1.2421	0.30671	0.51679	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.045	0.97990	0.24198	0.40771	0.20900
82	14.470	1.0096	0.24930	0.42006	0.28400
92	13.385	0.93381	0.23059	0.38854	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.995	0.97640	0.24111	0.40626	-1.0000
-112	14.100	0.98374	0.24292	0.40931	-1.0000
-122	13.925	0.97152	0.23991	0.40422	-1.0000
-127	13.960	0.97396	0.24051	0.40524	-1.0000
-137	14.100	0.98374	0.24292	0.40931	-1.0000
-142	13.840	0.96558	0.23844	0.40175	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.995	0.97640	0.24111	0.40626	0.00000
112	14.100	0.98374	0.24292	0.40931	0.00000
122	13.925	0.97152	0.23991	0.40422	0.00000
127	13.960	0.97396	0.24051	0.40524	0.00000
137	14.100	0.98374	0.24292	0.40931	0.00000
142	13.840	0.96558	0.23844	0.40175	0.00000
-152	14.095	0.98339	0.24284	0.40916	-1.0000
-157	14.100	0.98374	0.24292	0.40931	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.095	0.98339	0.24284	0.40916	-1.0000
-157	14.100	0.98374	0.24292	0.40931	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.100	0.98374	0.24292	0.40931	0.18900
172	12.954	0.90378	0.22318	0.37604	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.884	0.89890	0.22197	0.37401	0.18900
187	13.060	0.91182	0.22516	0.37938	0.24800

ORIGINAL PAGE IS POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 01:37:39.163 FAC 8X6X1 PGM C034 RDG 2598

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.379	1.2123	0.33600	0.56361	0.00000
37	16.284	1.1345	0.31443	0.52744	0.00000
47	12.687	0.88499	0.24528	0.41144	0.00000
52	13.683	0.95445	0.26453	0.44373	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.766	1.5183	0.42081	0.70587	0.12500
67	19.005	1.3257	0.36743	0.61633	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.322	0.92932	0.25756	0.43204	0.20900
82	14.743	1.0284	0.28503	0.47812	0.28400
92	12.097	0.84381	0.23386	0.39229	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.038	0.97922	0.27140	0.45525	-1.0000
-112	14.048	0.97992	0.27159	0.45557	-1.0000
-122	14.033	0.97887	0.27130	0.45508	-1.0000
-127	14.023	0.97818	0.27111	0.45476	-1.0000
-137	14.048	0.97992	0.27159	0.45557	-1.0000
-142	13.938	0.97224	0.26946	0.45200	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.038	0.97922	0.27140	0.45525	0.00000
112	14.048	0.97992	0.27159	0.45557	0.00000
122	14.033	0.97887	0.27130	0.45508	0.00000
127	14.023	0.97818	0.27111	0.45476	0.00000
137	14.048	0.97992	0.27159	0.45557	0.00000
142	13.938	0.97224	0.26946	0.45200	0.00000
-152	14.038	0.97922	0.27140	0.45525	-1.0000
-157	14.048	0.97992	0.27159	0.45557	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.038	0.97922	0.27140	0.45525	-1.0000
-157	14.048	0.97992	0.27159	0.45557	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.043	0.97957	0.27149	0.45541	0.18900
172	13.217	0.92199	0.25553	0.42864	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.117	0.91501	0.25360	0.42539	0.18900
187	13.212	0.92164	0.25544	0.42848	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFII PFC 12/01/78 01:36:21.083 FAC 8X6X1 PGM C034 RDG 2599

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.5931	0.52957	0.16978	0.28403	0.00000
37	13.145	0.93070	0.29839	0.49917	0.00000
47	14.861	1.0364	0.33229	0.55588	0.00000
52	16.437	1.1464	0.36753	0.61484	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	18.008	1.2559	0.40266	0.67360	0.12500
67	15.336	1.0698	0.34292	0.57366	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.234	0.85322	0.27355	0.45761	0.20900
82	14.286	0.99631	0.31943	0.53436	0.28400
92	16.082	1.1216	0.35959	0.60155	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.035	0.97887	0.31383	0.52500	-1.0000
-112	14.095	0.98305	0.31517	0.52725	-1.0000
-122	13.975	0.97468	0.31249	0.52275	-1.0000
-127	14.000	0.97642	0.31305	0.52369	-1.0000
-137	14.095	0.98305	0.31517	0.52725	-1.0000
-142	13.920	0.97084	0.31126	0.52070	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.035	0.97887	0.31383	0.52500	0.00000
112	14.095	0.98305	0.31517	0.52725	0.00000
122	13.975	0.97468	0.31249	0.52275	0.00000
127	14.000	0.97642	0.31305	0.52369	0.00000
137	14.095	0.98305	0.31517	0.52725	0.00000
142	13.920	0.97084	0.31126	0.52070	0.00000
-152	14.095	0.98305	0.31517	0.52725	-1.0000
-157	14.090	0.98270	0.31506	0.52706	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.095	0.98305	0.31517	0.52725	-1.0000
-157	14.090	0.98270	0.31506	0.52706	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.095	0.98305	0.31517	0.52725	0.18900
172	13.250	0.92407	0.29626	0.49561	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.293	0.92686	0.29716	0.49711	0.18900
187	13.313	0.92826	0.29761	0.49786	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 01:39:33.244 FAC 8X6X1 PGM C034 RDG 2600

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.7331	0.42018	0.16629	0.27632	0.00000
37	13.382	0.83202	0.36887	0.61263	0.00000
47	14.439	1.0058	0.39799	0.66132	0.00000
52	14.799	1.0307	0.40792	0.67783	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.459	1.0070	0.39854	0.66223	0.12500
87	13.222	0.92086	0.36445	0.60559	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.738	0.74785	0.29598	0.49181	0.20900
82	15.701	1.0935	0.43277	0.71911	0.28400
92	19.470	1.3560	0.53667	0.89177	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.063	0.97945	0.38764	0.64412	-1.0000
-112	14.068	0.97979	0.38777	0.64435	-1.0000
-122	14.058	0.97910	0.38750	0.64389	-1.0000
-127	14.058	0.97910	0.38750	0.64389	-1.0000
-137	14.058	0.97910	0.38750	0.64389	-1.0000
-142	13.903	0.96829	0.38322	0.63678	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.063	0.97945	0.38764	0.64412	0.00000
112	14.068	0.97979	0.38777	0.64435	0.00000
122	14.058	0.97910	0.38750	0.64389	0.00000
127	14.058	0.97910	0.38750	0.64389	0.00000
137	14.058	0.97910	0.38750	0.64389	0.00000
142	13.903	0.96829	0.38322	0.63678	0.00000
-152	14.078	0.98049	0.38805	0.64481	-1.0000
-157	14.068	0.97979	0.38777	0.64435	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.078	0.98049	0.38805	0.64481	-1.0000
-157	14.068	0.97979	0.38777	0.64435	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.073	0.98014	0.38791	0.64458	0.18900
172	13.262	0.92365	0.36555	0.60742	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.202	0.91946	0.36390	0.60467	0.18900
187	13.317	0.92679	0.36679	0.60949	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.682	0.88275	0.41559	0.68815	0.00000
37	13.754	0.95737	0.45062	0.74632	0.00000
47	14.104	0.99178	0.46211	0.76535	0.00000
52	14.333	0.99747	0.46949	0.77758	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.704	0.95388	0.44898	0.74361	0.12500
67	13.669	0.95144	0.44783	0.74170	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.158	0.91587	0.43109	0.71398	0.20900
82	15.978	1.1122	0.52348	0.86700	0.28400
92	18.317	1.2750	0.60011	0.99392	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.099	0.98142	0.46194	0.76508	-1.0000
-112	14.099	0.98143	0.46194	0.76508	-1.0000
-122	14.084	0.98038	0.46145	0.76426	-1.0000
-127	14.014	0.97550	0.45915	0.76046	-1.0000
-137	14.104	0.98178	0.46211	0.76535	-1.0000
-142	13.829	0.96260	0.45308	0.75040	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.099	0.98143	0.46194	0.76508	0.00000
112	14.099	0.98143	0.46194	0.76508	0.00000
122	14.084	0.98038	0.46145	0.76426	0.00000
127	14.014	0.97550	0.45915	0.76046	0.00000
137	14.104	0.98178	0.46211	0.76535	0.00000
142	13.829	0.96260	0.45308	0.75040	0.00000
152	14.099	0.98143	0.46194	0.76508	1.0000
157	14.094	0.98108	0.46178	0.76481	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.099	0.98143	0.46194	0.76508	-1.0000
-157	14.094	0.98108	0.46178	0.76481	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.104	0.98178	0.46211	0.76535	0.18900
172	13.308	0.92633	0.43601	0.72213	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.158	0.91587	0.43109	0.71398	0.18900
187	13.293	0.92459	0.43519	0.72077	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:40:14.423 FAC 8X6XI PGM C034 RNG 2602

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.413	0.93300	0.51038	0.85244	0.00000
37	13.804	0.96015	0.52523	0.87724	0.00000
47	13.959	0.97094	0.53113	0.88710	0.00000
52	14.059	0.97790	0.53494	0.89346	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.709	0.95353	0.52162	0.87120	0.12500
67	13.859	0.96397	0.52733	0.88074	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.368	0.92987	0.50867	0.84958	0.20900
82	15.585	1.0840	0.59301	0.99044	0.28400
92	17.206	1.1968	0.65468	1.0934	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.099	0.98068	0.53647	0.89600	-1.0000
-112	14.119	0.98207	0.53723	0.89728	-1.0000
-122	14.049	0.97720	0.53456	0.89282	-1.0000
-127	14.059	0.97790	0.53494	0.89346	-1.0000
-137	14.114	0.98172	0.53704	0.89696	-1.0000
-142	13.869	0.96467	0.52771	0.88138	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.099	0.98068	0.53647	0.89600	0.00000
112	14.119	0.98207	0.53723	0.89728	0.00000
122	14.049	0.97720	0.53456	0.89282	0.00000
127	14.059	0.97790	0.53494	0.89346	0.00000
137	14.114	0.98172	0.53704	0.89696	0.00000
142	13.869	0.96467	0.52771	0.88138	0.00000
151	14.114	0.98172	0.53704	0.89696	-1.0000
147	14.109	0.98138	0.53685	0.89664	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.114	0.98172	0.53704	0.89696	-1.0000
-157	14.109	0.98138	0.53685	0.89664	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.114	0.98172	0.53704	0.89696	0.18900
172	13.373	0.93021	0.50886	0.84990	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.198	0.91803	0.50220	0.83877	0.18900
187	13.318	0.92639	0.50676	0.84640	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFII PEC 12/01/78 01:46:31.600 FAC 8X6X1 PGM C034 RDG 2603

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.466	0.93702	0.51197	0.86525	0.00000
37	13.826	0.96203	0.52564	0.88835	0.00000
47	13.975	0.97245	0.53133	0.89797	0.00000
52	14.075	0.97939	0.53513	0.90439	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.731	0.95543	0.52203	0.88225	0.12500
67	13.995	0.97384	0.53209	0.89925	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.436	0.93493	0.51083	0.86333	0.20900
82	14.135	0.98356	0.53740	0.90823	0.28400
92	15.907	1.1069	0.60478	1.0221	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.130	0.98322	0.53721	0.90791	-1.0000
-112	14.150	0.98461	0.53797	0.90920	-1.0000
-122	14.075	0.97939	0.53513	0.90439	-1.0000
-127	14.085	0.98009	0.53551	0.90503	-1.0000
-137	14.145	0.98426	0.53778	0.90888	-1.0000
-142	13.925	0.96897	0.52943	0.89476	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.130	0.98322	0.53721	0.90791	0.00000
112	14.150	0.98461	0.53797	0.90920	0.00000
122	14.075	0.97939	0.53513	0.90439	0.00000
127	14.085	0.98009	0.53551	0.90503	0.00000
137	14.145	0.98426	0.53778	0.90888	0.00000
142	13.925	0.96897	0.52943	0.89476	0.00000
-152	14.155	0.98495	0.53816	0.90952	-1.0000
-157	14.145	0.98426	0.53778	0.90888	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.155	0.98495	0.53816	0.90952	-1.0000
-157	14.145	0.98426	0.53778	0.90888	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.155	0.98495	0.53816	0.90952	0.18900
172	13.371	0.93041	0.50836	0.85916	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.241	0.92138	0.50343	0.85082	0.18900
187	13.366	0.93007	0.50818	0.85884	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:47:27.322 FAC BX6X1 PGM C034 RDG 2604

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.853	0.89433	0.42401	0.71517	0.00000
37	13.816	0.96137	0.45579	0.76879	0.00000
47	14.131	0.98325	0.46617	0.78629	0.00000
52	14.345	0.99819	0.47329	0.79823	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.746	0.95651	0.45349	0.76490	0.12500
67	13.911	0.96797	0.45892	0.77406	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.322	0.92698	0.43949	0.74129	0.20900
82	13.991	0.97353	0.46156	0.77851	0.28400
92	16.292	1.1336	0.53747	0.90655	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.146	0.98430	0.46666	0.78712	-1.0000
-112	14.151	0.98464	0.46683	0.78740	-1.0000
-122	14.146	0.98430	0.46666	0.78712	-1.0000
-127	14.141	0.98395	0.46650	0.78684	-1.0000
-137	14.141	0.98395	0.46650	0.78684	-1.0000
-142	14.096	0.98082	0.46502	0.78434	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.146	0.98430	0.46666	0.78712	0.00000
112	14.151	0.98464	0.46683	0.78740	0.00000
122	14.146	0.98430	0.46666	0.78712	0.00000
127	14.141	0.98395	0.46650	0.78684	0.00000
137	14.141	0.98395	0.46650	0.78684	0.00000
142	14.096	0.98082	0.46502	0.78434	0.00000
-52	14.126	0.98291	0.46600	0.78601	-1.0000
-57	14.141	0.98395	0.46650	0.78684	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.126	0.98291	0.46600	0.78601	-1.0000
-157	14.141	0.98395	0.46650	0.78684	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.141	0.98395	0.46650	0.78684	0.18900
172	13.382	0.93115	0.44146	0.74462	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.252	0.92212	0.43718	0.73740	0.18900
187	13.267	0.92316	0.43768	0.73823	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 PADDEIT RTC 12/31/78 01:48:59.089 FAC 8X6XI PGM C034 PDG 2605

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.4779	0.67356	0.26821	0.45310	0.00000
37	12.816	0.89197	0.35517	0.60002	0.00000
47	14.140	0.98411	0.39187	0.66250	0.00000
52	14.625	1.0178	0.40529	0.68469	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.285	0.99419	0.39588	0.66878	0.12500
67	13.286	0.92465	0.36819	0.62231	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.842	0.75460	0.30048	0.50761	0.20900
82	16.533	1.1506	0.45818	0.77402	0.28400
92	18.751	1.3050	0.51964	0.87785	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.110	0.98202	0.39103	0.66060	-1.0000
-112	14.115	0.98237	0.39117	0.66083	-1.0000
-122	14.110	0.98202	0.39103	0.66060	-1.0000
-127	14.105	0.98167	0.39090	0.66036	-1.0000
-137	14.105	0.98167	0.39090	0.66036	-1.0000
-142	14.065	0.97889	0.38979	0.65849	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.110	0.98202	0.39103	0.66060	0.00000
112	14.115	0.98237	0.39117	0.66083	0.00000
122	14.110	0.98202	0.39103	0.66060	0.00000
127	14.105	0.98167	0.39090	0.66036	0.00000
137	14.105	0.98167	0.39090	0.66036	0.00000
142	14.065	0.97889	0.38979	0.65849	0.00000
-152	14.080	0.97994	0.39020	0.65920	-1.0000
-157	14.080	0.97994	0.39020	0.65920	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.080	0.97994	0.39020	0.65920	-1.0000
-157	14.080	0.97994	0.39020	0.65920	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.085	0.98028	0.39034	0.65943	0.18900
172	13.406	0.93300	0.37151	0.62762	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.341	0.92852	0.36994	0.62490	0.18900
187	13.346	0.92882	0.36985	0.62481	0.24800

NASS-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:49:42.209 FAC 8X6XI PGM C034 RDG 2606

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	7.3757	0.51380	0.16574	0.28116	0.00000
37	13.180	0.91813	0.29617	0.50241	0.00000
47	15.056	1.0488	0.33831	0.57391	0.00000
52	16.241	1.1314	0.36495	0.61909	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	17.711	1.2338	0.39798	0.67513	0.12500
67	14.870	1.0359	0.33415	0.56685	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	12.265	0.85436	0.27560	0.46752	0.20900
82	14.465	1.0077	0.32505	0.55141	0.28400
92	22.457	1.5644	0.50462	0.85603	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	13.965	0.97283	0.31381	0.53235	-1.0000
-112	14.075	0.98050	0.31628	0.53654	-1.0000
-122	13.955	0.97214	0.31359	0.53196	-1.0000
-127	13.970	0.97318	0.31392	0.53254	-1.0000
-137	14.075	0.98050	0.31628	0.53654	-1.0000
-142	13.870	0.96621	0.31168	0.52872	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	13.965	0.97283	0.31381	0.53235	0.00000
112	14.075	0.98050	0.31628	0.53654	0.00000
122	13.955	0.97214	0.31359	0.53196	0.00000
127	13.970	0.97318	0.31392	0.53254	0.00000
137	14.075	0.98050	0.31628	0.53654	0.00000
142	13.870	0.96621	0.31168	0.52872	0.00000
152	14.070	0.98015	0.31617	0.53635	-1.0000
157	14.070	0.98015	0.31617	0.53635	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.070	0.98015	0.31617	0.53635	-1.0000
-157	14.070	0.98015	0.31617	0.53635	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.075	0.98050	0.31628	0.53654	0.18900
172	13.225	0.92127	0.29718	0.50413	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.185	0.91848	0.29628	0.50260	0.18900
187	13.285	0.92545	0.29853	0.50641	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.496	1.2201	0.33928	0.57628	0.00000
37	16.193	1.1292	0.31401	0.53336	0.00000
47	12.642	0.88158	0.24515	0.41641	0.00000
52	14.026	0.97805	0.27198	0.46197	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.651	1.5097	0.41984	0.71312	0.12500
67	18.730	1.3061	0.36319	0.61691	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.392	0.93382	0.25968	0.44108	0.20900
82	13.956	0.97317	0.27062	0.45967	0.28400
92	16.313	1.1375	0.31633	0.53731	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.031	0.97840	0.27208	0.46214	-1.0000
-112	14.116	0.98432	0.27372	0.46493	-1.0000
-122	13.976	0.97457	0.27101	0.46033	-1.0000
-127	14.001	0.97631	0.27149	0.46115	-1.0000
-137	14.116	0.98432	0.27372	0.46493	-1.0000
-142	13.891	0.96865	0.26936	0.45753	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.031	0.97840	0.27208	0.46214	0.00000
112	14.116	0.98432	0.27372	0.46493	0.00000
122	13.976	0.97457	0.27101	0.46033	0.00000
127	14.001	0.97631	0.27149	0.46115	0.00000
137	14.116	0.98432	0.27372	0.46493	0.00000
142	13.891	0.96865	0.26936	0.45753	0.00000
152	14.116	0.98432	0.27372	0.46493	-1.0000
157	14.116	0.98432	0.27372	0.46493	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	14.116	0.98432	0.27372	0.46493	-1.0000
157	14.116	0.98432	0.27372	0.46493	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.111	0.98397	0.27363	0.46477	0.18000
172	13.257	0.92442	0.25706	0.43664	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.132	0.91571	0.25464	0.43253	0.18900
187	13.252	0.92407	0.25697	0.43648	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:51:31.891 FAC 8X6XI PGM C33% ROG 2608

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	10.271	0.71651	0.17828	0.30278	0.00000
37	18.632	1.2998	0.42341	0.54927	0.00000
47	14.612	1.0193	0.25363	0.43075	0.00000
52	11.635	0.81166	0.20195	0.34299	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	22.772	1.5986	0.39527	0.67131	0.12500
67	17.608	1.2284	0.30564	0.51909	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.147	0.98694	0.24557	0.41706	0.20900
82	15.181	1.0591	0.26351	0.44754	0.28400
92	13.243	0.92388	0.22987	0.39041	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.017	0.97789	0.24331	0.41323	-1.0000
-112	14.077	0.98207	0.24435	0.41500	-1.0000
-122	14.012	0.97754	0.24323	0.41308	-1.0000
-127	14.017	0.97789	0.24331	0.41323	-1.0000
-137	14.072	0.98172	0.24427	0.41485	-1.0000
-142	13.917	0.97092	0.24158	0.41029	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.017	0.97789	0.24331	0.41323	0.00000
112	14.077	0.98207	0.24435	0.41500	0.00000
122	14.012	0.97754	0.24323	0.41308	0.00000
127	14.017	0.97789	0.24331	0.41323	0.00000
137	14.072	0.98172	0.24427	0.41485	0.00000
142	13.917	0.97092	0.24158	0.41029	0.00000
-152	14.097	0.98346	0.24479	0.41559	-1.0000
-157	14.107	0.98416	0.24487	0.41588	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.097	0.98346	0.24479	0.41559	-1.0000
-157	14.107	0.98416	0.24487	0.41588	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.107	0.98416	0.24487	0.41588	0.18900
172	12.938	0.90262	0.22459	0.38143	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
187	12.839	0.89565	0.22285	0.37848	0.18900
197	13.028	0.90889	0.22615	0.38408	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 01:52:44.810 FAC 8X6XI PGH C034 ROG 2609

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.470	1.2180	0.33737	0.57225	0.00000
37	16.242	1.1324	0.31365	0.53202	0.00000
47	12.674	0.88347	0.24479	0.41507	0.00000
52	13.769	0.95938	0.26573	0.45073	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.704	1.5132	0.41913	0.71094	0.12500
67	18.723	1.3054	0.36157	0.61330	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.560	0.94545	0.26187	0.44419	0.20900
82	15.313	1.0677	0.29572	0.50160	0.28400
92	12.112	0.84447	0.23390	0.39675	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.045	0.97922	0.27123	0.46006	-1.0000
-112	14.110	0.98375	0.27248	0.46218	-1.0000
-122	13.965	0.97365	0.26968	0.45744	-1.0000
-127	13.985	0.97504	0.27007	0.45809	-1.0000
-137	14.115	0.98410	0.27258	0.46235	-1.0000
-142	13.940	0.97191	0.26920	0.45662	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.045	0.97922	0.27123	0.46006	0.00000
112	14.110	0.98375	0.27248	0.46218	0.00000
122	13.965	0.97365	0.26968	0.45744	0.00000
127	13.985	0.97504	0.27007	0.45809	0.00000
137	14.115	0.98410	0.27258	0.46235	0.00000
142	13.940	0.97191	0.26920	0.45662	0.00000
-152	14.115	0.98410	0.27258	0.46235	-1.0000
-157	14.110	0.98375	0.27248	0.46218	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.115	0.98410	0.27258	0.46235	-1.0000
-157	14.110	0.98375	0.27248	0.46218	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.115	0.98410	0.27258	0.46235	0.18900
172	13.251	0.92386	0.25589	0.43405	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.096	0.91307	0.25290	0.42898	0.18900
187	13.236	0.92282	0.25560	0.43356	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT REC 12/21/78 01:53:38.152 FAC BX6XI PGM C034 RDG 2610

>ADDITIONAL PRESSURE RATIOS , PRIMARY PITOT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.4399	0.92183	0.16791	0.28360	0.00000
37	13.261	0.97387	0.29727	0.50211	0.00000
47	15.319	1.0564	0.33668	0.56867	0.00000
52	16.337	1.1382	0.35724	0.60359	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.805	1.2405	0.39915	0.67418	0.12500
67	15.034	1.0474	0.33702	0.56924	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.426	0.86576	0.27857	0.47052	0.20900
82	14.549	1.0136	0.32616	0.55090	0.28400
92	20.961	1.4603	0.46989	0.79367	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.135	0.98477	0.31687	0.53520	-1.0000
-112	14.135	0.98477	0.31687	0.53520	-1.0000
-122	14.105	0.98268	0.31620	0.53407	-1.0000
-127	14.050	0.97885	0.31496	0.53199	-1.0000
-137	14.115	0.98338	0.31642	0.53444	-1.0000
-142	14.010	0.97607	0.31407	0.53047	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.135	0.98477	0.31687	0.53520	0.00000
112	14.135	0.98477	0.31687	0.53520	0.00000
122	14.105	0.98268	0.31620	0.53407	0.00000
127	14.050	0.97885	0.31496	0.53199	0.00000
137	14.115	0.98338	0.31642	0.53444	0.00000
142	14.010	0.97607	0.31407	0.53047	0.00000
-152	14.115	0.98338	0.31642	0.53444	-1.0000
-157	14.105	0.98268	0.31620	0.53407	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.115	0.98338	0.31642	0.53444	-1.0000
-157	14.105	0.98268	0.31620	0.53407	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.110	0.98303	0.31631	0.53425	0.18900
172	13.320	0.92805	0.29862	0.50437	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.271	0.92457	0.29753	0.50248	0.18900
187	13.365	0.93118	0.29963	0.50608	0.24800

270

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 01:54:23.998 FAC 8X6X1 PGM C034 RDG 2611

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	9.3975	0.65427	0.26019	0.43720	0.00000
37	12.958	0.91217	0.35878	0.60284	0.00000
47	14.226	0.99046	0.39389	0.66186	0.00000
52	14.641	1.0221	0.40647	0.68300	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.336	0.99810	0.39693	0.66697	0.12500
67	13.298	0.92580	0.36818	0.61866	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	10.796	0.75163	0.29891	0.50227	0.20900
82	16.458	1.1458	0.45568	0.76568	0.28400
92	19.847	1.3818	0.54952	0.92336	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.142	0.98455	0.39154	0.65791	-1.0000
-112	14.137	0.98420	0.39140	0.65768	-1.0000
-122	14.132	0.98385	0.39127	0.65745	-1.0000
-127	14.132	0.98385	0.39127	0.65745	-1.0000
-137	14.132	0.98385	0.39127	0.65745	-1.0000
-142	14.027	0.97655	0.38836	0.65257	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.142	0.98455	0.39154	0.65791	0.00000
112	14.137	0.98420	0.39140	0.65768	0.00000
122	14.132	0.98385	0.39127	0.65745	0.00000
127	14.132	0.98385	0.39127	0.65745	0.00000
137	14.132	0.98385	0.39127	0.65745	0.00000
142	14.027	0.97655	0.38836	0.65257	0.00000
-152	14.077	0.98003	0.38974	0.65489	-1.0000
-157	14.077	0.98003	0.38974	0.65489	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.077	0.98003	0.38974	0.65489	-1.0000
-157	14.077	0.98003	0.38974	0.65489	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.077	0.98003	0.38974	0.65489	0.18900
172	13.403	0.93310	0.37108	0.62353	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.278	0.92441	0.36763	0.61773	0.18900
187	13.298	0.92580	0.36818	0.61866	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/01/78 01:55:07.824 FAC 8X6XI PGM C034 RDG 2612

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.753	0.88771	0.41796	0.70033	0.00000
37	13.763	0.95802	0.45107	0.75581	0.00000
47	14.108	0.98204	0.46238	0.77475	0.00000
52	14.323	0.97700	0.46942	0.78656	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.708	0.95419	0.44926	0.75279	0.12500
67	13.833	0.96289	0.45336	0.75965	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.348	0.92913	0.43747	0.73301	0.20900
82	16.183	1.1265	0.53038	0.88870	0.28400
92	17.533	1.2204	0.57462	0.96283	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.123	0.98308	0.46287	0.77558	-1.0000
-112	14.128	0.98343	0.46303	0.77585	-1.0000
-122	14.098	0.98134	0.46205	0.77421	-1.0000
-127	14.048	0.97786	0.46041	0.77146	-1.0000
-137	14.078	0.97995	0.46139	0.77311	-1.0000
-142	13.928	0.96950	0.45648	0.76487	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.123	0.98308	0.46287	0.77558	0.00000
112	14.128	0.98343	0.46303	0.77585	0.00000
122	14.098	0.98134	0.46205	0.77421	0.00000
127	14.048	0.97786	0.46041	0.77146	0.00000
137	14.078	0.97995	0.46139	0.77311	0.00000
142	13.928	0.96950	0.45648	0.76487	0.00000
152	14.058	0.97855	0.46074	0.77201	1.0000
157	14.063	0.97890	0.46090	0.77228	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.058	0.97845	0.46074	0.77201	-1.0000
-157	14.063	0.97890	0.46090	0.77228	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.068	0.97925	0.46106	0.77256	0.18900
172	13.383	0.93156	0.43861	0.73494	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.163	0.91625	0.43140	0.72285	0.18900
187	13.263	0.92321	0.43468	0.72835	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT REC 12/21/78 01:55:52.364 FAC 8X6X1 PGM C034 RDG 2613

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.458	0.93642	0.51172	0.86347	0.00000
37	13.823	0.96183	0.52559	0.88688	0.00000
47	13.967	0.97189	0.53110	0.89617	0.00000
52	14.067	0.97884	0.53490	0.90259	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.723	0.95485	0.52179	0.88046	0.12500
67	13.977	0.97258	0.53148	0.89681	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.508	0.93990	0.51362	0.86668	0.20900
82	14.862	1.0341	0.56511	0.95356	0.28400
92	16.311	1.1349	0.62020	1.0465	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.157	0.98510	0.53832	0.90836	-1.0000
-112	14.152	0.98475	0.53813	0.90804	-1.0000
-122	14.152	0.98475	0.53813	0.90804	-1.0000
-127	14.142	0.98406	0.53775	0.90739	-1.0000
-137	14.142	0.98406	0.53775	0.90739	-1.0000
-142	13.982	0.97293	0.53167	0.89713	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.157	0.98510	0.53832	0.90836	0.00000
112	14.152	0.98475	0.53813	0.90804	0.00000
122	14.152	0.98475	0.53813	0.90804	0.00000
127	14.142	0.98406	0.53775	0.90739	0.00000
137	14.142	0.98406	0.53775	0.90739	0.00000
142	13.982	0.97293	0.53167	0.89713	0.00000
152	14.092	0.98058	0.53585	0.90419	-1.0000
157	14.092	0.98058	0.53585	0.90419	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.092	0.98058	0.53585	0.90419	-1.0000
-157	14.092	0.98058	0.53585	0.90419	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.092	0.98058	0.53585	0.90419	0.18900
172	13.498	0.93920	0.51324	0.86604	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.298	0.92530	0.50564	0.85321	0.18900
187	13.308	0.92599	0.50602	0.85385	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT REC 12/31/78 02:02:39.188 FAC BX6XI PGM C034 RDC 2614

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.304	0.92872	0.23238	0.39414	0.00000
37	14.395	1.2841	0.32131	0.54498	0.00000
47	14.384	1.0041	0.25124	0.42611	0.00000
52	11.265	0.78639	0.19677	0.33373	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	22.582	1.5764	0.39443	0.66898	0.12500
67	17.431	1.2168	0.30447	0.51640	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.074	0.98244	0.24582	0.41693	0.20900
82	15.768	1.1007	0.27541	0.46711	0.28400
92	12.565	0.87709	0.21947	0.37223	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.984	0.97616	0.24425	0.41427	-1.0000
-112	14.089	0.98349	0.24609	0.41738	-1.0000
-122	13.974	0.97546	0.24408	0.41397	-1.0000
-127	13.959	0.97442	0.24382	0.41353	-1.0000
-137	14.089	0.98349	0.24609	0.41738	-1.0000
-142	13.874	0.96849	0.24233	0.41101	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.984	0.97616	0.24425	0.41427	0.00000
112	14.089	0.98349	0.24609	0.41738	0.00000
122	13.974	0.97546	0.24408	0.41397	0.00000
127	13.959	0.97442	0.24382	0.41353	0.00000
137	14.089	0.98349	0.24609	0.41738	0.00000
142	13.874	0.96849	0.24233	0.41101	0.00000
152	14.089	0.98349	0.24609	0.41738	1.0000
157	14.089	0.98349	0.24609	0.41738	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.089	0.98349	0.24609	0.41738	-1.0000
-157	14.089	0.98349	0.24609	0.41738	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.089	0.98349	0.24609	0.41738	0.18900
172	13.199	0.92140	0.23055	0.39103	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.764	0.96098	0.22819	0.38703	0.18900
187	13.219	0.92279	0.23090	0.39162	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT REC 12/01/78 02:06:44.612 FAC 8X6X1 PGM C034 RDG 2615

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.310	1.2071	0.33451	0.56841	0.00000
37	16.174	1.1279	0.31257	0.53113	0.00000
47	12.623	0.88026	0.24393	0.41459	0.00000
52	13.933	0.97167	0.26926	0.45754	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.696	1.5067	0.41754	0.70949	0.12500
67	18.520	1.2915	0.35790	0.60816	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.363	0.93190	0.25824	0.43881	0.20900
82	14.239	0.99295	0.27516	0.46756	0.28400
92	12.808	0.89317	0.24751	0.42058	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.998	0.97620	0.27052	0.45968	-1.0000
-112	14.084	0.98213	0.27216	0.46247	-1.0000
-122	14.033	0.97855	0.27062	0.45984	-1.0000
-127	13.963	0.97376	0.26984	0.45853	-1.0000
-137	14.084	0.98213	0.27216	0.46247	-1.0000
-142	13.853	0.96608	0.26772	0.45491	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.998	0.97620	0.27052	0.45968	0.00000
112	14.084	0.98213	0.27216	0.46247	0.00000
122	14.033	0.97855	0.27062	0.45984	0.00000
127	13.963	0.97376	0.26984	0.45853	0.00000
137	14.084	0.98213	0.27216	0.46247	0.00000
142	13.853	0.96608	0.26772	0.45491	0.00000
-152	14.089	0.98248	0.27226	0.46263	-1.0000
-157	14.079	0.98178	0.27207	0.46230	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.089	0.98248	0.27226	0.46263	-1.0000
-157	14.079	0.98178	0.27207	0.46230	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.084	0.98213	0.27216	0.46247	0.18900
172	13.218	0.92178	0.25544	0.43405	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.073	0.91186	0.25263	0.42928	0.18900
187	13.223	0.92213	0.25554	0.43421	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/01/78 02:12:02.391 FAC 8X6X1 PGM C034 ROG 2616

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUCT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.011	0.90517	0.49748	0.72961	0.00000
37	13.851	0.96363	0.52961	0.77673	0.00000
47	14.136	0.98346	0.54051	0.79271	0.00000
52	14.341	0.99773	0.54835	0.80421	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.826	0.96189	0.52865	0.77532	0.12500
67	13.921	0.96850	0.53229	0.78065	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.416	0.93335	0.51297	0.75233	0.20900
82	15.066	1.0482	0.57608	0.84488	0.28400
92	15.861	1.1035	0.60648	0.88947	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.211	0.98868	0.54338	0.79692	-1.0000
-112	14.211	0.98868	0.54338	0.79692	-1.0000
-122	14.206	0.98833	0.54319	0.79664	-1.0000
-127	14.196	0.98764	0.54281	0.79608	-1.0000
-137	14.196	0.98764	0.54281	0.79608	-1.0000
-142	14.001	0.97407	0.53535	0.78514	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.211	0.98868	0.54338	0.79692	0.00000
112	14.211	0.98868	0.54338	0.79692	0.00000
122	14.206	0.98833	0.54319	0.79664	0.00000
127	14.196	0.98764	0.54281	0.79608	0.00000
137	14.196	0.98764	0.54281	0.79608	0.00000
142	14.001	0.97407	0.53535	0.78514	0.00000
-152	14.051	0.97755	0.53726	0.78795	-1.0000
-157	14.051	0.97755	0.53726	0.78795	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.051	0.97755	0.53726	0.78795	-1.0000
-157	14.051	0.97755	0.53726	0.78795	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.051	0.97755	0.53726	0.78795	0.18900
172	13.461	0.93649	0.51469	0.75485	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.261	0.92257	0.50704	0.74363	0.18900
187	13.291	0.92466	0.50819	0.74531	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/21/78 02:13:04.479 FAC 8X6X1 PGM C034 RDG 2617

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.065	0.77022	0.36390	0.52685	0.00000
37	13.773	0.95852	0.45286	0.65585	0.31111
47	14.276	0.99374	0.46950	0.67974	0.00000
52	14.562	1.0136	0.47889	0.69333	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.356	0.99932	0.47214	0.68356	0.12500
67	13.713	0.95434	0.45089	0.65279	0.31100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.284	0.92470	0.43689	0.63252	0.20900
82	14.361	0.99967	0.47230	0.68379	0.28400
92	16.795	1.1691	0.55235	0.79969	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.086	0.98049	0.46324	0.67068	-1.0000
-112	14.086	0.98049	0.46324	0.67068	-1.0000
-122	14.081	0.98014	0.46308	0.67044	-1.0000
-127	14.066	0.97910	0.46258	0.66972	-1.0000
-137	14.066	0.97910	0.46258	0.66972	-1.0000
-142	13.930	0.96968	0.45814	0.66328	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.086	0.98049	0.46324	0.67068	0.00000
112	14.086	0.98049	0.46324	0.67068	0.00000
122	14.081	0.98014	0.46308	0.67044	0.00000
127	14.066	0.97910	0.46258	0.66972	0.00000
137	14.066	0.97910	0.46258	0.66972	0.00000
142	13.930	0.96968	0.45814	0.66328	0.00000
152	13.961	0.97177	0.45912	0.66472	-1.0000
157	13.961	0.97177	0.45912	0.66472	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.961	0.97177	0.45912	0.66472	-1.0000
-157	13.961	0.97177	0.45912	0.66472	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.966	0.97212	0.45929	0.66495	0.18900
172	13.274	0.92401	0.43656	0.63204	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.139	0.91250	0.43112	0.62417	0.13900
187	13.144	0.91494	0.43227	0.62584	0.24800

277

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT DEC 12/31/78 02:13:53.127 FAC 3X6X1 PGM C034 RDG 2618

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.1355	0.42747	0.17022	0.24789	0.00000
37	12.921	0.90027	0.35849	0.52207	0.00000
47	14.929	1.0401	0.41418	0.60317	0.00000
52	15.469	1.0778	0.42918	0.62501	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.445	1.1458	0.45626	0.66444	0.12500
67	13.963	0.97282	0.38738	0.56414	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.864	0.75691	0.30141	0.43893	0.20900
82	17.031	1.1866	0.47250	0.68810	0.28400
92	19.178	1.3362	0.53207	0.77485	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.988	0.97456	0.38808	0.56515	-1.0000
-112	14.043	0.97840	0.38960	0.56737	-1.0000
-122	13.993	0.97491	0.38822	0.56535	-1.0000
-127	13.953	0.97212	0.38710	0.56373	-1.0000
-137	14.043	0.97840	0.38960	0.56737	-1.0000
-142	13.788	0.96061	0.38252	0.55706	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.988	0.97456	0.38808	0.56515	0.00000
112	14.043	0.97840	0.38960	0.56737	0.00000
122	13.993	0.97491	0.38822	0.56535	0.00000
127	13.953	0.97212	0.38710	0.56373	0.00000
137	14.043	0.97840	0.38960	0.56737	0.00000
142	13.788	0.96061	0.38252	0.55706	0.00000
-152	14.043	0.97840	0.38960	0.56737	-1.0000
-157	14.043	0.97840	0.38960	0.56737	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-157	14.043	0.97840	0.38960	0.56737	-1.0000
-167	14.043	0.97840	0.38960	0.56737	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.043	0.97840	0.38960	0.56737	0.18900
172	13.227	0.92155	0.36697	0.53441	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.137	0.91518	0.36364	0.52955	0.18900
187	13.207	0.92015	0.36641	0.53360	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CANDELI PEC 12/31/78 02:15:21.965 FAC 8X6XI PGM C034 RDC 2619

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUC

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9364	0.55323	0.17749	0.26278	0.00000
37	13.170	0.91802	0.29457	0.43606	0.00000
47	11.446	0.79785	0.25596	0.37897	0.00000
52	16.301	1.1363	0.36455	0.53975	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.179	1.4066	0.45127	0.66814	0.12500
67	16.036	1.1178	0.35861	0.53096	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.328	0.85933	0.27569	0.40818	0.20900
82	13.746	0.95819	0.30741	0.45514	0.28400
92	23.936	1.6685	0.53530	0.79255	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.032	0.97810	0.31379	0.46460	-1.0000
-112	14.047	0.97915	0.31413	0.46509	-1.0000
-122	14.037	0.97845	0.31391	0.46476	-1.0000
-127	14.016	0.97706	0.31346	0.46410	-1.0000
-137	14.042	0.97880	0.31402	0.46493	-1.0000
-142	13.976	0.97426	0.31256	0.46277	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.032	0.97810	0.31379	0.46460	0.00000
112	14.047	0.97915	0.31413	0.46509	0.00000
122	14.037	0.97845	0.31391	0.46476	0.00000
127	14.016	0.97706	0.31346	0.46410	0.00000
137	14.042	0.97880	0.31402	0.46493	0.00000
142	13.976	0.97426	0.31256	0.46277	0.00000
-152	13.991	0.97531	0.31290	0.46327	-1.0000
-157	13.996	0.97566	0.31301	0.46343	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.991	0.97531	0.31290	0.46327	-1.0000
-157	13.996	0.97566	0.31301	0.46343	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.991	0.97531	0.31290	0.46327	0.18900
172	13.210	0.92082	0.29541	0.43738	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.155	0.91767	0.29441	0.43589	0.18900
187	13.205	0.92047	0.29530	0.43722	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 02:12:20.187 FAC 8X6X1 PGM C034 RDG 2620

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.734	1.81841	0.22766	0.33348	0.00000
37	17.275	1.73465	0.33516	0.49065	0.00000
47	13.132	0.91592	0.25478	0.37321	0.00000
52	10.571	0.73732	0.20510	0.30044	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.217	1.6891	0.46986	0.68826	0.12500
67	19.684	1.3729	0.38190	0.55943	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.407	0.93514	0.26013	0.38104	0.20900
82	14.033	0.97882	0.27228	0.39884	0.28400
92	11.373	0.79325	0.22066	0.32323	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.933	0.97183	0.27033	0.39599	-1.0000
-112	14.023	0.97812	0.27208	0.39856	-1.0000
-122	13.923	0.97113	0.27014	0.39571	-1.0000
-127	13.898	0.96938	0.26965	0.39500	-1.0000
-137	14.023	0.97812	0.27208	0.39856	-1.0000
-142	13.813	0.96344	0.26800	0.39258	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.933	0.97183	0.27033	0.39599	0.00000
112	14.023	0.97812	0.27208	0.39856	0.00000
122	13.923	0.97113	0.27014	0.39571	0.00000
127	13.898	0.96938	0.26965	0.39500	0.00000
137	14.023	0.97812	0.27208	0.39856	0.00000
142	13.813	0.96344	0.26800	0.39258	0.00000
-152	14.028	0.97847	0.27218	0.39870	-1.0000
-157	14.023	0.97812	0.27208	0.39856	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.028	0.97847	0.27218	0.39870	-1.0000
-157	14.023	0.97812	0.27208	0.39856	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.028	0.97847	0.27218	0.39870	0.18900
172	13.197	0.92046	0.25604	0.37506	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.077	0.91207	0.25371	0.37164	0.18900
187	13.212	0.92151	0.25633	0.37549	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEII REC 12/01/78 02:17:31.475 FAC 8X6X1 PGM C034 RDG 2621

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.236	0.71432	0.17789	0.26100	0.00000
37	20.642	1.4404	0.35871	0.52621	0.00000
47	15.717	1.0968	0.27314	0.40076	0.00000
52	12.149	0.84777	0.21112	0.30977	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.377	1.8406	0.45838	0.67255	0.12500
67	19.891	1.3880	0.34567	0.50717	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.101	0.98400	0.24505	0.35954	0.20900
82	16.068	1.1213	0.27923	0.40969	0.28400
92	12.544	0.87537	0.21800	0.31985	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.891	0.96933	0.24140	0.35418	-1.0000
-112	14.046	0.98016	0.24409	0.35814	-1.0000
-122	13.871	0.96793	0.24105	0.35367	-1.0000
-127	13.906	0.97038	0.24166	0.35456	-1.0000
-137	14.051	0.98051	0.24418	0.35827	-1.0000
-142	13.821	0.96444	0.24018	0.35239	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.891	0.96933	0.24140	0.35418	0.00000
112	14.046	0.98016	0.24409	0.35814	0.00000
122	13.871	0.96793	0.24105	0.35367	0.00000
127	13.906	0.97038	0.24166	0.35456	0.00000
137	14.051	0.98051	0.24418	0.35827	0.00000
142	13.821	0.96444	0.24018	0.35239	0.00000
152	14.041	0.97981	0.24401	0.35801	-1.0000
157	14.041	0.97981	0.24401	0.35801	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.041	0.97981	0.24401	0.35801	-1.0000
-157	14.041	0.97981	0.24401	0.35801	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.046	0.98016	0.24409	0.35814	0.18900
172	13.059	0.91065	0.22678	0.33274	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.975	0.90541	0.22548	0.33083	0.18900
187	13.135	0.91659	0.22826	0.33491	0.24800

ORIGINAL PAGE IS
OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12701778 02:17:54.223 FAC 8X6X1 PGM C034 RDG 2622

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.245	0.71497	0.17810	0.26104	0.00000
37	20.639	1.4403	0.35879	0.52586	0.00000
47	15.713	1.0965	0.27316	0.40036	0.00000
52	12.158	0.84847	0.21136	0.30978	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.335	1.8379	0.45782	0.67101	0.12500
67	20.008	1.3963	0.34782	0.50979	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.131	0.98615	0.24566	0.36005	0.20900
82	16.103	1.1238	0.27995	0.41031	0.24400
92	12.549	0.87573	0.21815	0.31974	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.996	0.97671	0.24331	0.35660	-1.0000
-112	14.006	0.97741	0.24348	0.35686	-1.0000
-122	13.900	0.97007	0.24165	0.35418	-1.0000
-127	13.895	0.96972	0.24157	0.35405	-1.0000
-137	14.031	0.97916	0.24392	0.35750	-1.0000
-142	13.825	0.96483	0.24035	0.35227	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.996	0.97671	0.24331	0.35660	0.00000
112	14.006	0.97741	0.24348	0.35686	0.00000
122	13.900	0.97007	0.24165	0.35418	0.00000
127	13.895	0.96972	0.24157	0.35405	0.00000
137	14.031	0.97916	0.24392	0.35750	0.00000
142	13.825	0.96483	0.24035	0.35227	0.00000
-152	14.036	0.97951	0.24409	0.35762	-1.0000
-157	14.031	0.97916	0.24392	0.35750	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.036	0.97951	0.24409	0.35762	-1.0000
-157	14.031	0.97916	0.24392	0.35750	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.036	0.97951	0.24409	0.35762	0.18900
172	13.074	0.91242	0.22729	0.33313	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.994	0.90683	0.22599	0.33119	0.18900
187	13.114	0.91522	0.22799	0.33415	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CANDELI REC 12/01/78 02:19:33.650 FAP 8X6XI PGM C034 ROG 2623

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.327	0.79034	0.21904	0.32003	0.00000
37	17.267	1.2048	0.33392	0.48788	0.00000
47	13.164	0.91852	0.25457	0.37194	0.00000
52	10.981	0.76624	0.21236	0.31027	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.193	1.6881	0.46785	0.68355	0.12500
67	20.145	1.4056	0.38956	0.56917	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.579	0.94751	0.26260	0.38367	0.20900
82	15.791	1.1018	0.30538	0.44617	0.28400
92	12.163	0.84867	0.23521	0.34365	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.910	0.97055	0.26899	0.39301	-1.0000
-112	14.035	0.97928	0.27141	0.39654	-1.0000
-122	13.885	0.96881	0.26851	0.39230	-1.0000
-127	13.915	0.97090	0.26909	0.39315	-1.0000
-137	14.040	0.97963	0.27151	0.39668	-1.0000
-142	13.835	0.96532	0.26754	0.39089	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.910	0.97055	0.26899	0.39301	0.00000
112	14.035	0.97928	0.27141	0.39654	0.00000
122	13.885	0.96881	0.26851	0.39230	0.00000
127	13.915	0.97090	0.26909	0.39315	0.00000
137	14.040	0.97963	0.27151	0.39668	0.00000
142	13.835	0.96532	0.26754	0.39089	0.00000
-152	14.035	0.97928	0.27141	0.39654	1.0000
-157	14.035	0.97928	0.27141	0.39654	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.035	0.97928	0.27141	0.39654	-1.0000
-157	14.035	0.97928	0.27141	0.39654	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.035	0.97928	0.27141	0.39654	0.18900
172	13.199	0.92097	0.25529	0.37293	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.134	0.91643	0.25390	0.37109	0.18900
187	13.259	0.92516	0.25641	0.37462	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 02:20:31.854 FAC AX681 PGM C034 RNG 2624

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.1055	0.56507	0.18175	0.26847	0.00000
37	13.389	0.93344	0.30023	0.44348	0.00000
47	11.492	0.80113	0.25767	0.38062	0.00000
52	16.213	1.1303	0.36354	0.53701	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.158	1.4053	0.45199	0.66766	0.12500
67	17.543	1.2228	0.39329	0.58095	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.433	0.86676	0.27878	0.41181	0.20900
82	14.316	0.99801	0.32100	0.47416	0.28400
92	23.286	1.6234	0.52214	0.77129	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.080	0.98161	0.31572	0.46637	-1.0000
-112	14.080	0.98161	0.31572	0.46637	-1.0000
-122	14.075	0.98126	0.31561	0.46620	-1.0000
-127	14.075	0.98126	0.31561	0.46620	-1.0000
-137	14.075	0.98126	0.31561	0.46620	-1.0000
-142	14.010	0.97672	0.31415	0.46405	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.080	0.98161	0.31572	0.46637	0.00000
112	14.080	0.98161	0.31572	0.46637	0.00000
122	14.075	0.98126	0.31561	0.46620	0.00000
127	14.075	0.98126	0.31561	0.46620	0.00000
137	14.075	0.98126	0.31561	0.46620	0.00000
142	14.010	0.97672	0.31415	0.46405	0.00000
-152	14.015	0.97707	0.31426	0.46421	-1.0000
-157	14.030	0.97812	0.31460	0.46471	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.015	0.97707	0.31426	0.46421	-1.0000
-157	14.030	0.97812	0.31460	0.46471	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.020	0.97742	0.31437	0.46438	0.18900
172	13.269	0.92506	0.29753	0.43950	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.189	0.91948	0.29574	0.43685	0.18900
187	13.234	0.92262	0.29675	0.43834	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL REC 12/01/78 02:21:18.307 FAC 8X6X1 PGM C034 RDG 2625

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.1431	0.42791	0.17030	0.24703	0.00000
37	12.941	0.90144	0.35877	0.52041	0.00000
47	14.919	1.0392	0.41360	0.59995	0.00000
52	15.475	1.0779	0.42901	0.62230	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.471	1.1473	0.45663	0.66236	0.12500
67	13.868	0.96597	0.38445	0.55766	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.918	0.76051	0.30268	0.43905	0.20900
82	17.517	1.2202	0.48563	0.70444	0.28400
92	21.437	1.4933	0.59439	0.86207	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.028	0.97713	0.38889	0.56411	-1.0000
-112	14.043	0.97818	0.38931	0.56471	-1.0000
-122	13.933	0.97051	0.38625	0.56028	-1.0000
-127	13.943	0.97121	0.38653	0.56068	-1.0000
-137	14.038	0.97783	0.38917	0.56451	-1.0000
-142	13.777	0.95970	0.38195	0.55404	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.028	0.97713	0.38889	0.56411	0.00000
112	14.043	0.97818	0.38931	0.56471	0.00000
122	13.933	0.97051	0.38625	0.56028	0.00000
127	13.943	0.97121	0.38653	0.56068	0.00000
137	14.038	0.97783	0.38917	0.56451	0.00000
142	13.777	0.95970	0.38195	0.55404	0.00000
-152	14.043	0.97818	0.38931	0.56471	-1.0000
-157	14.028	0.97713	0.38889	0.56411	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.043	0.97818	0.38931	0.56471	-1.0000
-157	14.028	0.97713	0.38889	0.56411	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.038	0.97783	0.38917	0.56451	0.18900
172	13.242	0.92237	0.36710	0.53249	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.106	0.91296	0.36335	0.52706	0.18900
187	13.207	0.91993	0.36612	0.53108	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEFT FEC 12/01/78 02:21:53.945 FAC 8X6XI PGM C034 RDG 2626

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.019	0.76716	0.36187	0.52052	0.00000
37	13.788	0.95990	0.45278	0.65130	0.00000
47	14.209	0.98545	0.46955	0.67541	0.00000
52	14.589	1.0157	0.47908	0.68913	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.419	1.0038	0.47349	0.68109	0.12500
67	13.242	0.92192	0.43486	0.62552	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.322	0.92749	0.43749	0.62931	0.20900
82	16.025	1.1157	0.52625	0.75698	0.28400
92	20.880	1.4536	0.68567	0.98629	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.073	0.97977	0.46215	0.66478	-1.0000
-112	14.073	0.97977	0.46215	0.66478	-1.0000
-122	13.993	0.97419	0.45952	0.66099	-1.0000
-127	13.988	0.97384	0.45936	0.66076	-1.0000
-137	14.038	0.97733	0.46100	0.66312	-1.0000
-142	13.843	0.96374	0.45459	0.65390	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.073	0.97977	0.46215	0.66478	0.00000
112	14.073	0.97977	0.46215	0.66478	0.00000
122	13.993	0.97419	0.45952	0.66099	0.00000
127	13.988	0.97384	0.45936	0.66076	0.00000
137	14.038	0.97733	0.46100	0.66312	0.00000
142	13.843	0.96374	0.45459	0.65390	0.00000
-152	14.028	0.97663	0.46067	0.66265	-1.0000
-157	14.033	0.97698	0.46083	0.66288	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.028	0.97663	0.46067	0.66265	-1.0000
-157	14.033	0.97698	0.46083	0.66288	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.033	0.97698	0.46083	0.66288	0.18900
172	13.282	0.92470	0.43618	0.62742	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.177	0.91690	0.43108	0.62009	0.18900
187	13.297	0.91948	0.43371	0.62387	0.24800

RUN 57

NASA-LEWIS PRELIMINARY DATA 12/19/78 CADDELL PEC 12/01/78 02:22:48.168 FAC 8X6X1 PGM C034 RDG 2627

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUCT

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.945	0.99242	0.49454	0.72429	0.00000
37	13.036	0.96302	0.52775	0.77252	0.00000
47	14.116	0.93252	0.53844	0.78857	0.00000
52	14.316	0.99245	0.54697	0.79975	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	13.811	0.96128	0.52680	0.77152	0.12500
67	13.716	0.95466	0.52317	0.76621	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.531	0.94177	0.51611	0.75587	0.20900
82	15.027	1.0459	0.57317	0.83943	0.28400
92	19.574	1.3624	0.74660	1.0934	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.111	0.98217	0.53825	0.78829	-1.0000
-112	14.111	0.98217	0.53825	0.78829	-1.0000
-122	14.101	0.98147	0.53786	0.78773	-1.0000
-127	14.091	0.98078	0.53748	0.78717	-1.0000
-137	14.096	0.98112	0.53767	0.78745	-1.0000
-142	13.991	0.97381	0.53367	0.78158	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.111	0.98217	0.53825	0.78829	0.00000
112	14.111	0.98217	0.53825	0.78829	0.00000
122	14.101	0.98147	0.53786	0.78773	0.00000
127	14.091	0.98078	0.53748	0.78717	0.00000
137	14.096	0.98112	0.53767	0.78745	0.00000
142	13.991	0.97381	0.53367	0.78158	0.00000
-152	14.016	0.97555	0.53462	0.78298	-1.0000
-157	14.016	0.97555	0.53462	0.78298	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.016	0.97555	0.53462	0.78298	-1.0000
-157	14.016	0.97555	0.53462	0.78298	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.026	0.97625	0.53500	0.78354	0.18900
172	13.406	0.93307	0.51134	0.74888	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.225	0.92053	0.50447	0.73882	0.18900
187	13.245	0.92192	0.50523	0.73994	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2628 TO 2657
TIME AND DATE PROCESSED 22:51:08 DEC 15 1978

NOZZLE TYPE — P&W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS — TAKEOFF
NOZZLE CONFIGURATION — C3
PRIMARY-NOZZLE PLUG — SPLIT PLUG (EXTENDED)
FLOW SPLITTER — ISENTROPIC SPLITTER
FAN NOZZLE — SHORT FLAP
CLAMSHELL POSITION
EJECTOR INLET OPENING — EJECTOR SHROUD REMOVED

RDG	MG	PTF/PTP	PTF/PD	PTP/PD	OMEGA	CDF	CDP	CFI	ETAI	ETAI,INT	CFPI	CFPZ	F9
2628	0.017	1.69	1.82	1.08	0.000	0.974	0.916	0.9669	0.9669	0.9669	0.9669	0.9690	******
2629	0.021	1.68	2.11	1.26	0.000	0.971	0.977	0.9664	0.9664	0.9664	0.9664	0.9691	******
2630	0.029	1.69	2.51	1.48	0.000	0.971	1.020	0.9502	0.9502	0.9502	0.9502	0.9534	******
2631	0.041	1.70	3.09	1.82	0.000	0.974	0.972	0.9375	0.9375	0.9375	0.9375	0.9402	******
2632	0.053	1.70	3.59	2.11	0.000	0.976	0.916	0.9651	0.9651	0.9652	0.9652	0.9673	******
2633	0.061	1.70	3.98	2.34	0.000	0.971	0.952	0.9780	0.9780	0.9780	0.9780	0.9803	******
2634	0.051	1.70	3.95	2.32	0.000	0.968	0.966	0.9718	0.9718	0.9719	0.9719	0.9738	******
2635	0.051	1.69	3.60	2.13	0.000	0.970	0.917	0.9676	0.9676	0.9676	0.9676	0.9697	******
2636	0.045	1.69	3.13	1.85	0.000	0.961	0.963	0.9407	0.9407	0.9407	0.9407	0.9434	******
2637	0.033	1.68	2.50	1.49	0.000	0.965	1.003	0.9432	0.9432	0.9432	0.9432	0.9464	******
2638	0.029	1.68	2.12	1.26	0.000	0.974	0.996	0.9582	0.9582	0.9582	0.9582	0.9609	******
2639	0.017	1.69	1.83	1.08	0.000	0.972	0.903	0.9559	0.9559	0.9559	0.9559	0.9571	******
2640	0.019	1.47	1.82	1.23	0.000	0.969	0.976	0.9583	0.9583	0.9583	0.9583	0.9614	******
2641	0.025	1.45	2.10	1.45	0.000	0.971	0.992	0.9614	0.9614	0.9615	0.9615	0.9652	******
2642	0.012	1.47	1.84	1.24	0.000	0.971	0.988	0.9908	0.9908	0.9908	0.9908	0.9939	******
2643	0.019	1.44	2.12	1.47	0.000	0.952	0.987	0.9996	0.9996	0.9996	0.9996	1.0034	******
2644	0.027	1.45	2.51	1.73	0.000	0.972	0.980	0.9625	0.9625	0.9626	0.9626	0.9660	******
2645	0.045	1.47	3.11	2.11	0.000	0.973	0.974	0.9535	0.9535	0.9535	0.9535	0.9561	******
2646	0.053	1.46	3.59	2.47	0.000	0.973	0.953	0.9722	0.9722	0.9722	0.9722	0.9743	******
2647	0.052	1.44	4.00	2.78	0.000	0.961	0.969	0.9738	0.9738	0.9738	0.9738	0.9757	******
2648	0.051	1.37	3.96	2.89	0.000	0.966	0.942	0.9808	0.9808	0.9808	0.9808	0.9827	******
2649	0.039	1.48	3.12	2.11	0.000	0.982	0.759	0.9189	0.9189	0.9189	0.9189	0.9210	******
2650	0.033	1.45	2.51	1.73	0.000	0.976	0.780	0.9198	0.9198	0.9198	0.9198	0.9227	******
2651	0.017	1.44	2.11	1.46	0.000	0.971	0.801	0.9446	0.9446	0.9446	0.9446	0.9478	******
2652	0.019	1.47	1.83	1.24	0.000	0.968	0.809	0.9465	0.9465	0.9465	0.9465	0.9492	******
2653	0.050	1.36	3.58	2.64	0.000	0.978	0.875	0.9652	0.9652	0.9653	0.9653	0.9672	******
2654	0.043	1.48	3.09	2.10	0.000	0.977	0.978	0.9329	0.9329	0.9329	0.9329	0.9355	******
2655	0.033	1.45	2.52	1.74	0.000	0.993	0.975	0.9340	0.9340	0.9340	0.9340	0.9374	******
2656	0.025	1.44	2.12	1.47	0.000	0.979	0.985	0.9567	0.9567	0.9567	0.9567	0.9604	******
2657	0.017	1.47	1.82	1.24	0.000	0.972	0.967	0.9597	0.9597	0.9597	0.9597	0.9628	******

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLTG

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
32	14.156	0.98541	0.54047	0.91577	0.00000
37	14.393	1.0028	0.54943	0.93065	0.00000
47	14.465	1.0070	0.55230	0.93577	0.00000
52	14.505	1.0098	0.55382	0.93835	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
62	14.290	0.99480	0.54562	0.92448	0.12530
67	14.765	1.0278	0.56374	0.95512	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
77	13.850	0.96419	0.52883	0.89610	0.21900
82	13.983	0.96628	0.52998	0.89803	0.28400
92	16.194	1.1273	0.61833	1.0454	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
-107	14.185	0.98759	0.54161	0.91671	-1.0000
-112	14.190	0.98784	0.54180	0.91603	-1.0000
-122	14.140	0.98436	0.53990	0.91280	-1.0000
-127	14.155	0.98541	0.54047	0.91377	-1.0000
-137	14.190	0.98784	0.54180	0.91603	-1.0000
-142	14.180	0.98715	0.54142	0.91538	-1.0000

>ADDITIONAL PRESSURE RATIOS , FEEDBODY INLET

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
107	14.185	0.98759	0.54161	0.91571	0.00000
112	14.190	0.98784	0.54180	0.91603	0.00000
122	14.140	0.98436	0.53990	0.91280	0.00000
127	14.155	0.98541	0.54047	0.91377	0.00000
137	14.190	0.98784	0.54180	0.91603	0.00000
142	14.180	0.98715	0.54142	0.91538	0.00000
152	14.190	0.98784	0.54180	0.91603	1.0000
157	14.190	0.98784	0.54180	0.91603	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
-152	14.190	0.98784	0.54180	0.91603	-1.0000
-157	14.190	0.98784	0.54180	0.91603	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPLITUP LOCATION

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
167	14.135	0.98360	0.54195	0.91635	0.18900
172	14.170	0.98645	0.54134	0.91474	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPLITUP LOCATION

AVD WORD	PL	PL/PD	PL/PTE	PL/PTP	X/DMAX
182	14.130	0.98326	0.53993	0.91287	0.18900
187	14.111	0.98194	0.53925	0.91167	0.24800

POOR QUALITY, PAGE IS BEST AVAILABLE COPY

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL FEC 12/01/78 04:08:52.007 FAC BX6X1 PGM C034 RDG 2629

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
32	13.894	0.95342	0.45167	0.75564	0.36000
37	14.488	1.0786	0.47819	0.80365	0.00000
47	14.713	1.0243	0.48568	0.81612	0.00000
52	14.828	1.0323	0.48549	0.82245	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
62	14.363	0.99993	0.47406	0.79672	0.12500
67	14.743	1.0264	0.48659	0.81778	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
77	13.834	0.96306	0.45658	0.76734	0.20900
82	14.673	1.0215	0.48428	0.81390	0.28400
92	17.071	1.1884	0.56342	0.94690	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-107	14.173	0.98671	0.46780	0.78619	-1.0000
-112	14.168	0.98636	0.46763	0.78591	-1.0000
-122	14.173	0.98671	0.46780	0.78619	-1.0000
-127	14.168	0.98636	0.46763	0.78591	-1.0000
-137	14.163	0.98601	0.46747	0.78564	-1.0000
-142	14.163	0.98601	0.46747	0.78564	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
107	14.173	0.98671	0.46780	0.78619	0.00000
112	14.168	0.98636	0.46763	0.78591	0.00000
122	14.173	0.98671	0.46780	0.78619	0.00000
127	14.168	0.98636	0.46763	0.78591	0.00000
137	14.163	0.98601	0.46747	0.78564	0.00000
142	14.163	0.98601	0.46747	0.78564	0.00000
-152	14.163	0.98601	0.46747	0.78564	1.0000
-157	14.163	0.98601	0.46747	0.78564	-1.0000

>ADDITIONAL PRESSURE RATIOS , SAL NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
-152	14.163	0.98601	0.46747	0.78564	-1.0000
-157	14.163	0.98601	0.46747	0.78564	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
167	14.163	0.98601	0.46747	0.78564	0.19900
172	14.158	0.98567	0.46730	0.78536	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTE	PL/PTP	X/DMAX
182	14.158	0.98567	0.46730	0.78536	0.18900
187	14.158	0.98567	0.46730	0.78536	0.24800

Run 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL RUN 12/01/78 04:09:29.482 FAC 8X6X1 SEQ 0034 RDG 2630

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.666	0.74302	0.29627	0.58188	0.00000
37	13.523	0.94201	0.37561	0.63829	0.00000
47	14.693	1.0235	0.40812	0.69137	0.00000
52	15.053	1.0486	0.41813	0.70831	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.318	0.99741	0.39770	0.67372	0.12500
67	13.098	0.91239	0.36380	0.61629	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.303	0.99637	0.39729	0.67301	0.20900
82	17.709	1.2336	0.49189	0.83327	0.28400
92	18.944	1.3197	0.52620	0.89139	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.113	0.98312	0.39201	0.66407	-1.0000
-112	14.118	0.98347	0.39215	0.66430	-1.0000
-122	14.118	0.98347	0.39215	0.66430	-1.0000
-127	14.113	0.98312	0.39201	0.66407	-1.0000
-137	14.123	0.98382	0.39229	0.66454	-1.0000
-142	14.123	0.98382	0.39229	0.66454	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.113	0.98312	0.39201	0.66407	0.00000
112	14.118	0.98347	0.39215	0.66430	0.00000
122	14.118	0.98347	0.39215	0.66430	0.00000
127	14.113	0.98312	0.39201	0.66407	0.00000
137	14.123	0.98382	0.39229	0.66454	0.00000
142	14.123	0.98382	0.39229	0.66454	0.00000
-152	14.118	0.98347	0.39215	0.66430	-1.0000
-157	14.118	0.98347	0.39215	0.66430	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.118	0.98347	0.39215	0.66430	-1.0000
-157	14.118	0.98347	0.39215	0.66430	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.118	0.98347	0.39215	0.66430	0.18900
172	14.118	0.98347	0.39215	0.66430	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.113	0.98347	0.39215	0.66430	0.18900
187	14.113	0.97546	0.38895	0.65889	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 04:16:16.833 FAC 8X6X1 PGM C034 RDG 2631

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUCT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	7.2604	0.50617	0.16367	0.27751	0.00000
37	13.771	0.95661	0.30932	0.52522	0.00000
47	16.273	1.1345	0.36684	0.62288	0.00000
52	16.313	1.1373	0.36774	0.62441	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	17.643	1.2300	0.39773	0.67534	0.12500
67	14.972	1.0438	0.33752	0.57309	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	12.451	0.86801	0.28068	0.47668	0.20900
82	13.541	0.94406	0.30526	0.51833	0.28400
92	23.716	1.6534	0.53462	0.90777	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.092	0.98242	0.31767	0.53939	-1.0000
-112	14.102	0.98312	0.31790	0.53977	-1.0000
-122	14.032	0.97824	0.31632	0.53709	-1.0000
-127	14.037	0.97859	0.31643	0.53728	-1.0000
-137	14.092	0.98242	0.31767	0.53939	-1.0000
-142	14.077	0.98138	0.31733	0.53882	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.092	0.98242	0.31767	0.53939	0.00000
112	14.102	0.98312	0.31790	0.53977	0.00000
122	14.032	0.97824	0.31632	0.53709	0.00000
127	14.037	0.97859	0.31643	0.53728	0.00000
137	14.092	0.98242	0.31767	0.53939	0.00000
142	14.077	0.98138	0.31733	0.53882	0.00000
-152	14.102	0.98312	0.31790	0.53977	-1.0000
-157	14.102	0.98312	0.31790	0.53977	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.102	0.98312	0.31790	0.53977	-1.0000
-157	14.102	0.98312	0.31790	0.53977	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.307	0.99727	0.32378	0.54956	0.18900
172	14.192	0.98927	0.32124	0.54531	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.307	0.99727	0.32378	0.54956	0.18900
187	14.192	0.98927	0.32124	0.54531	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.367	1.2543	0.34583	0.56344	0.00000
37	16.033	1.1159	0.31129	0.52956	0.00000
47	12.775	0.89157	0.24642	0.42163	0.00000
52	17.468	1.2191	0.33913	0.57653	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	22.135	1.5448	0.42975	0.73109	0.12500
67	20.131	1.4050	0.39084	0.66490	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	13.554	0.94599	0.26316	0.44769	0.20900
82	14.674	1.0197	0.28354	0.48235	0.28400
92	11.845	0.82668	0.22997	0.39122	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.089	0.98192	0.27315	0.46469	-1.0000
-112	14.089	0.98192	0.27315	0.46469	-1.0000
-122	14.084	0.98296	0.27344	0.46519	-1.0000
-127	14.084	0.98296	0.27344	0.46519	-1.0000
-137	14.094	0.98366	0.27364	0.46552	-1.0000
-142	14.089	0.98331	0.27354	0.46535	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.089	0.98192	0.27315	0.46469	0.00000
112	14.089	0.98192	0.27315	0.46469	0.00000
122	14.084	0.98296	0.27344	0.46519	0.00000
127	14.084	0.98296	0.27344	0.46519	0.00000
137	14.094	0.98366	0.27364	0.46552	0.00000
142	14.089	0.98331	0.27354	0.46535	0.00000
152	14.094	0.98366	0.27364	0.46552	1.0000
157	14.094	0.98366	0.27364	0.46552	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.094	0.98366	0.27364	0.46552	-1.0000
-157	14.094	0.98366	0.27364	0.46552	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.094	0.98366	0.27364	0.46552	0.18900
172	14.089	0.98331	0.27354	0.46535	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.079	0.98262	0.27335	0.46502	0.18900
187	14.089	0.98192	0.27315	0.46469	0.24800

Rcw 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADRETT PEC 12/01/78 04:17:56.295 FAC BX6X1 PGM C034 RDG 2633

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
32	15.714	1.[illegible]	0.[illegible]	[illegible]	[illegible]
37	14.[illegible]	1.2591	0.31410	0.53821	0.00000
47	14.[illegible]	0.98157	0.24650	0.41[illegible]	0.00000
52	11.138	0.77733	0.19521	0.33228	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	22.726	1.5801	0.39832	0.67839	0.12500
67	19.415	1.2952	0.32276	0.54940	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	14.174	0.98625	0.24843	0.42287	0.26900
82	16.425	1.1463	0.28788	0.49042	0.28400
92	12.453	0.86916	0.21827	0.37154	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	14.059	0.98122	0.24742	0.41944	-1.0000
-112	14.094	0.98367	0.24703	0.42049	-1.0000
-122	14.014	0.97808	0.24563	0.41810	-1.0000
-127	14.019	0.97843	0.24571	0.41825	-1.0000
-137	14.099	0.98401	0.24712	0.42063	-1.0000
-142	14.074	0.98227	0.24668	0.41989	-1.0000

>ADDITIONAL PRESSURE RATIOS , FREEBODY INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	14.059	0.98122	0.24742	0.41944	0.00000
112	14.094	0.98367	0.24703	0.42049	0.00000
122	14.014	0.97808	0.24563	0.41810	0.00000
127	14.019	0.97843	0.24571	0.41825	0.00000
137	14.099	0.98401	0.24712	0.42063	0.00000
142	14.074	0.98227	0.24668	0.41989	0.00000
152	14.[illegible]	0.98431	0.24712	0.[illegible]	1.0000
157	14.0[illegible]	0.98431	0.24712	0.42063	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-152	14.099	0.98431	0.24712	0.42063	-1.0000
-157	14.[illegible]	0.98431	0.24712	0.42063	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG CIRCUMFERENTIAL

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	14.099	0.98431	0.24712	0.42063	0.18600
172	14.[illegible]	0.[illegible]69	0.[illegible]75	0.41[illegible]4	0.[illegible]00

>ADDITIONAL PRESSURE RATIOS , 90 DEG CIRCUMFERENTIAL

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
177	14.[illegible]	0.[illegible]63	0.[illegible]71	0.41[illegible]4	0.[illegible]00
182	14.[illegible]	0.[illegible]75	0.[illegible]52	0.41[illegible]4	0.[illegible]00

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT REC 12/01/78 04:18:20.174 FAC 8X6X1 PGM C034 RDG 2634

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.610	1.1509	0.24118	0.40667	0.30000
37	17.804	1.2419	0.31419	0.52964	0.60000
47	13.927	0.97144	0.24577	0.41854	0.00000
52	11.138	0.77691	0.19655	0.33473	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	22.710	1.5841	0.40077	0.68250	0.12500
67	18.758	1.3085	0.33103	0.56374	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.970	1.1140	0.28183	0.47995	0.20900
82	17.494	1.2175	0.30802	0.52455	0.28400
92	12.917	0.87314	0.22090	0.37618	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.036	0.97911	0.24771	0.42184	-1.0000
-112	14.141	0.98643	0.24956	0.42499	-1.0000
-122	14.002	0.97667	0.24709	0.42079	-1.0000
-127	14.036	0.97911	0.24771	0.42184	-1.0000
-137	14.136	0.98608	0.24947	0.42484	-1.0000
-142	14.086	0.98259	0.24859	0.42334	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.036	0.97911	0.24771	0.42184	0.00000
112	14.141	0.98643	0.24956	0.42499	0.00000
122	14.002	0.97667	0.24709	0.42079	0.00000
127	14.036	0.97911	0.24771	0.42184	0.00000
137	14.136	0.98608	0.24947	0.42484	0.00000
142	14.086	0.98259	0.24859	0.42334	0.00000
-152	14.136	0.98608	0.24947	0.42484	-1.0000
-157	14.141	0.98643	0.24956	0.42499	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.136	0.98608	0.24947	0.42484	-1.0000
-157	14.141	0.98643	0.24956	0.42499	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPROUT LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.146	0.98678	0.24959	0.42514	0.18900
172	14.046	0.97981	0.24784	0.42214	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPROUT LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.002	0.97667	0.24709	0.42079	0.18900
177	14.072	0.98155	0.24833	0.42290	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADGEII REC 12/31/78 04:19:05.221 FAC 8X6X1 PGM C034 RDG 2635

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	17.743	1.2406	0.34445	0.58356	0.00000
37	15.958	1.1132	0.30909	0.52388	0.00000
47	13.312	0.89378	0.24816	0.42060	0.00000
52	17.498	1.2207	0.33892	0.57444	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	22.178	1.5472	0.42958	0.72809	0.12500
67	20.173	1.4073	0.39074	0.66227	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	13.367	0.93252	0.25891	0.43883	0.20900
82	14.377	1.0044	0.27887	0.47265	0.28400
92	11.4	0.79852	0.22171	0.37577	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	14.052	0.98032	0.27219	0.46133	-1.0000
-112	14.092	0.98311	0.27296	0.46264	-1.0000
-122	14.007	0.97718	0.27131	0.45985	-1.0000
-127	14.007	0.97718	0.27131	0.45985	-1.0000
-137	14.102	0.98381	0.27315	0.46297	-1.0000
-142	14.082	0.98241	0.27277	0.46231	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.052	0.98032	0.27219	0.46133	0.00000
112	14.092	0.98311	0.27296	0.46264	0.00000
122	14.007	0.97718	0.27131	0.45985	0.00000
127	14.007	0.97718	0.27131	0.45985	0.00000
137	14.102	0.98381	0.27315	0.46297	0.00000
142	14.082	0.98241	0.27277	0.46231	0.00000
152	14.102	0.98381	0.27315	0.46297	1.0000
157	14.107	0.98416	0.27325	0.46313	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-152	14.102	0.98381	0.27315	0.46297	-1.0000
-157	14.107	0.98416	0.27325	0.46313	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPILLUP LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	14.107	0.98416	0.27325	0.46313	0.18900
172	14.062	0.98102	0.27238	0.46165	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPILLUP LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	14.077	0.98223	0.27269	0.46234	0.18900
187	14.047	0.97978	0.27202	0.46119	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDELL PRC 12/01/78 04:19:53.261 FAC 8X6X1 PGM C034 RDG 2636

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.7391	0.53441	0.17249	0.26174	0.00000
37	14.284	0.98164	0.31390	0.53091	0.00000
47	16.368	1.1408	0.36480	0.61701	0.00000
52	16.123	1.1238	0.35935	0.60778	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.937	1.2502	0.39978	0.67616	0.12500
67	15.203	1.0597	0.33885	0.57311	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.878	1.0370	0.33161	0.56087	0.20900
82	14.364	1.0011	0.32014	0.54146	0.28400
92	21.940	1.5292	0.48899	0.82705	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.104	0.98303	0.31434	0.53166	-1.0000
-112	14.114	0.98373	0.31457	0.53204	-1.0000
-122	14.084	0.98164	0.31390	0.53091	-1.0000
-127	14.084	0.98164	0.31390	0.53091	-1.0000
-137	14.099	0.98268	0.31423	0.53148	-1.0000
-142	14.094	0.98233	0.31412	0.53129	-1.0000

>ADDITIONAL PRESSURE RATIOS , ECPEBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.104	0.98303	0.31434	0.53166	0.00000
112	14.114	0.98373	0.31457	0.53204	0.00000
122	14.084	0.98164	0.31390	0.53091	0.00000
127	14.084	0.98164	0.31390	0.53091	0.00000
137	14.099	0.98268	0.31423	0.53148	0.00000
142	14.094	0.98233	0.31412	0.53129	0.00000
152	14.099	0.98268	0.31423	0.53148	-1.0000
157	14.099	0.98268	0.31423	0.53148	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.099	0.98268	0.31423	0.53148	-1.0000
-157	14.099	0.98268	0.31423	0.53148	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN DUCT SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.099	0.98268	0.31423	0.53148	0.18500
172	14.094	0.98233	0.31412	0.53129	0.48000

>ADDITIONAL PRESSURE RATIOS , FAN DUCT SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.104	0.98303	0.31434	0.53166	0.18500
172	14.114	0.98373	0.31457	0.53204	0.48000

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.256	0.78369	0.31303	0.62559	0.00000
37	14.240	0.99149	0.39603	0.66547	0.00000
47	14.880	1.0360	0.41383	0.69527	0.00000
52	15.150	1.0548	0.42133	0.70798	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.540	1.0152	0.40549	0.68115	0.12500
67	13.360	0.93023	0.37156	0.62435	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.161	0.91631	0.36600	0.61501	0.20960
82	13.226	0.92084	0.36781	0.61805	0.28400
92	19.003	1.3231	0.52850	0.88805	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.130	0.98383	0.39297	0.66033	-1.0000
-112	14.135	0.98418	0.39311	0.66056	-1.0000
-122	14.110	0.98244	0.39242	0.65939	-1.0000
-127	14.100	0.98175	0.39214	0.65893	-1.0000
-137	14.105	0.98209	0.39228	0.65916	-1.0000
-142	14.110	0.98244	0.39242	0.65939	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.130	0.98383	0.39297	0.66033	0.00000
112	14.135	0.98418	0.39311	0.66056	0.00000
122	14.110	0.98244	0.39242	0.65939	0.00000
127	14.100	0.98175	0.39214	0.65893	0.00000
137	14.105	0.98209	0.39228	0.65916	0.00000
142	14.110	0.98244	0.39242	0.65939	0.00000
~~152~~	~~14.110~~	~~0.98244~~	~~0.39242~~	~~0.65939~~	~~1.0000~~
~~157~~	~~14.110~~	~~0.98244~~	~~0.39242~~	~~0.65939~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.110	0.98244	0.39242	0.65939	-1.0000
-157	14.110	0.98244	0.39242	0.65939	-1.0000

~~>ADDITIONAL PRESSURE RATIOS , 2D DEC SHROUD LOCATION~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.105	0.98209	0.39228	0.65916	0.18900
172	14.100	0.98175	0.39214	0.65893	0.24800

~~>ADDITIONAL PRESSURE RATIOS , 3D DEC SHROUD LOCATION~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.105	0.98209	0.39228	0.65916	0.18900
187	14.100	0.98175	0.39214	0.65893	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/19/78 CADDETT REC 12/01/78 14:21:17.653 FAC 8X6X1 PGM C034 PDG 2638

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.644	0.94983	0.44568	0.79327	0.00000
37	14.463	1.0069	0.47564	0.79853	0.03000
47	14.698	1.0232	0.48336	0.81150	0.08333
52	14.823	1.0319	0.48747	0.81839	0.08000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.333	0.99782	0.47136	0.79135	0.12500
67	14.123	0.98321	0.46446	0.77978	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.248	0.99539	0.47021	0.78942	0.20900
82	15.373	1.0702	0.50555	0.84875	0.28400
92	17.637	1.2278	0.58003	0.97374	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.228	0.99051	0.46791	0.78556	-1.0000
-112	14.223	0.99017	0.46775	0.78528	-1.0000
-122	14.213	0.98947	0.46742	0.78473	-1.0000
-127	14.168	0.98634	0.46594	0.78225	-1.0000
-137	14.163	0.98599	0.46577	0.78197	-1.0000
-142	14.163	0.98599	0.46577	0.78197	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.228	0.99051	0.46791	0.78556	0.00000
112	14.223	0.99017	0.46775	0.78528	0.00000
122	14.213	0.98947	0.46742	0.78473	0.00000
127	14.168	0.98634	0.46594	0.78225	0.00000
137	14.163	0.98599	0.46577	0.78197	0.00000
142	14.163	0.98599	0.46577	0.78197	0.00000
-152	14.163	0.98599	0.46577	0.78197	-1.0000
-157	14.163	0.98599	0.46577	0.78197	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.163	0.98599	0.46577	0.78197	-1.0000
-157	14.163	0.98599	0.46577	0.78197	-1.0000

>ADDITIONAL PRESSURE RATIOS , 2D DEC SPLITTER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.163	0.98599	0.46577	0.78197	0.16900
172	14.174	0.98674	0.46611	0.78256	0.24800

>ADDITIONAL PRESSURE RATIOS , 2D DEC SPLITTER LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.193	0.98816	0.46711	0.78434	0.24800
187	14.193	0.98816	0.46711	0.78434	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 04:21:51.433 FAC BX6X1 PGM C034 RDG 2639

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.141	0.99372	0.53626	0.90788	0.00000
37	14.376	1.0101	0.54721	0.92269	0.00000
47	14.451	1.0153	0.55086	0.92770	0.00000
52	14.486	1.0177	0.55139	0.92995	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.276	0.99311	0.54340	0.91647	0.12500
67	14.241	0.99068	0.54207	0.91422	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.736	0.95555	0.52285	0.88181	0.20900
82	14.976	1.0418	0.57034	0.96140	0.28600
92	16.785	1.1677	0.63892	1.0776	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.156	0.98477	0.53884	0.90877	-1.0000
-112	14.156	0.98477	0.53884	0.90877	-1.0000
-122	14.156	0.98477	0.53884	0.90877	-1.0000
-127	14.156	0.98477	0.53884	0.90877	-1.0000
-137	14.156	0.98477	0.53884	0.90877	-1.0000
-142	14.156	0.98477	0.53884	0.90877	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.156	0.98477	0.53884	0.90877	0.00000
112	14.156	0.98477	0.53884	0.90877	0.00000
122	14.156	0.98477	0.53884	0.90877	0.00000
127	14.156	0.98477	0.53884	0.90877	0.00000
137	14.156	0.98477	0.53884	0.90877	0.00000
142	14.156	0.98477	0.53884	0.90877	0.00000
-152	14.151	0.98442	0.53865	0.90845	-1.0000
-157	14.156	0.98477	0.53884	0.90877	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.151	0.98442	0.53865	0.90845	-1.0000
-157	14.156	0.98477	0.53884	0.90877	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.151	0.98442	0.53865	0.90845	0.18900
172	14.151	0.98442	0.53865	0.90845	0.24400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.136	0.98333	0.53807	0.90748	0.18900
187	14.141	0.98372	0.53826	0.90780	0.24400

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
32	13.902	0.96019	0.52878	0.77961	0.00000
37	14.487	1.0079	0.55502	0.81829	0.00000
47	14.677	1.0211	0.56233	0.82903	0.00000
52	14.768	1.0274	0.56575	0.83412	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
62	14.432	1.0040	0.55251	0.81419	0.12500
67	14.277	0.99326	0.54457	0.80242	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
77	13.767	0.95775	0.52741	0.77760	0.20900
82	14.152	1.0243	0.56518	0.83327	0.28400
92	16.599	1.1548	0.63590	0.93755	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SURGUD

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
-107	14.222	0.98943	0.54486	0.80332	-1.0000
-112	14.217	0.98908	0.54467	0.80303	-1.0000
-122	14.197	0.98769	0.54390	0.80190	-1.0000
-127	14.187	0.98699	0.54352	0.80134	-1.0000
-137	14.187	0.98699	0.54352	0.80134	-1.0000
-142	14.182	0.98664	0.54332	0.80105	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
107	14.222	0.98943	0.54486	0.80332	0.00000
112	14.217	0.98908	0.54467	0.80303	0.00000
122	14.197	0.98769	0.54390	0.80190	0.00000
127	14.187	0.98699	0.54352	0.80134	0.00000
137	14.187	0.98699	0.54352	0.80134	0.00000
142	14.182	0.98664	0.54332	0.80105	0.00000
152	14.177	0.98630	0.54313	0.80077	1.0000
157	14.182	0.98664	0.54332	0.80105	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
-152	14.177	0.98630	0.54313	0.80077	-1.0000
-157	14.182	0.98664	0.54332	0.80105	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG PRIMARY LOCATION

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
167	14.177	0.98630	0.54313	0.80077	0.18900
172	14.177	0.98630	0.54313	0.80077	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SECOND LOCATION

AVD WORD	PI	PL/PO	PL/PTE	PL/PTP	X/DMAX
182	14.177	0.98630	0.54313	0.80077	0.18900
187	14.177	0.98630	0.54313	0.80077	0.24800

NASA-LEWIS PRELIMINARY DATA 12/15/78 CARDFIL RFC 12/01/78 04:23:49.709 FAC 8X6X1 PGM C034 RDG 2641

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLOW

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.643	0.87657	0.46151	0.68373	0.00000
37	14.537	1.0098	0.47681	0.69547	0.10000
47	14.893	1.0367	0.49267	0.71306	0.31000
52	15.093	1.0499	0.49887	0.72309	0.50000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.742	1.0262	0.49760	0.70678	0.12500
67	14.031	0.97668	0.46407	0.67265	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.606	0.94703	0.44998	0.65223	0.20900
82	14.532	1.0116	0.48084	0.69687	0.28400
92	16.571	1.1535	0.54868	0.79442	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.101	0.98156	0.46639	0.67601	-1.0000
-112	14.096	0.98121	0.46622	0.67577	-1.0000
-122	14.096	0.98121	0.46622	0.67577	-1.0000
-127	14.091	0.98086	0.46606	0.67553	-1.0000
-137	14.091	0.98086	0.46606	0.67553	-1.0000
-142	14.091	0.98086	0.46606	0.67553	-1.0000

302

>ADDITIONAL PRESSURE RATIOS , FORKBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.101	0.98156	0.46639	0.67601	0.00000
112	14.096	0.98121	0.46622	0.67577	0.00000
122	14.096	0.98121	0.46622	0.67577	0.00000
127	14.091	0.98086	0.46606	0.67553	0.00000
137	14.091	0.98086	0.46606	0.67553	0.00000
142	14.091	0.98086	0.46606	0.67553	0.00000
152	14.096	0.98121	0.46622	0.67577	1.0000
157	14.091	0.98086	0.46606	0.67553	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.096	0.98121	0.46622	0.67577	-1.0000
-157	14.091	0.98086	0.46606	0.67553	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.096	0.98121	0.46589	0.67529	0.18900
172	14.091	0.98086	0.46606	0.67553	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.096	0.98121	0.46589	0.67529	0.18900
187	14.091	0.98086	0.46606	0.67553	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEII REC 12/01/78 04:49:08.170 FAC 8X6X1 PGM C034 RDG 2642

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.794	0.95997	0.52246	0.77128	0.00000
37	14.523	1.0115	0.55101	0.81265	0.00000
47	14.713	1.0247	0.55821	0.82327	0.00000
52	14.798	1.0306	0.56144	0.82803	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.403	1.0031	0.54646	0.80593	0.12500
67	14.188	0.98817	0.53830	0.79391	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.828	0.96311	0.52465	0.77378	0.20900
82	13.913	0.96902	0.52788	0.77853	0.28400
92	16.277	1.1336	0.61759	0.91079	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.128	0.98399	0.53603	0.79055	-1.0000
-112	14.148	0.98538	0.53679	0.79167	-1.0000
-122	14.098	0.98190	0.53489	0.78888	-1.0000
-127	14.118	0.98329	0.53565	0.78999	-1.0000
-137	14.153	0.98573	0.53698	0.79195	-1.0000
-142	14.153	0.98573	0.53698	0.79195	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.128	0.98399	0.53603	0.79055	0.08000
112	14.148	0.98538	0.53679	0.79167	0.00000
122	14.098	0.98190	0.53489	0.78888	0.00000
127	14.118	0.98329	0.53565	0.78999	0.00000
137	14.153	0.98573	0.53698	0.79195	0.00000
142	14.153	0.98573	0.53698	0.79195	0.00000
152	14.153	0.98573	0.53698	0.79195	-1.0000
157	14.148	0.98538	0.53679	0.79167	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.153	0.98573	0.53698	0.79195	-1.0000
-157	14.148	0.98538	0.53679	0.79167	-1.0000

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.153	0.98573	0.53698	0.79195	0.18900
172	14.133	0.98439	0.53621	0.79111	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.173	0.98725	0.53638	0.78916	0.18900
187	14.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.562	0.87491	0.41357	0.59558	0.00000
37	14.573	1.0150	0.47861	0.68968	0.00000
47	14.953	1.0414	0.49110	0.70770	0.00000
52	15.108	1.0522	0.49619	0.71505	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.893	1.0366	0.48883	0.70458	0.12500
67	14.148	0.98535	0.46465	0.67053	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.668	0.95191	0.44888	0.64777	0.20900
82	13.803	0.96131	0.45331	0.65417	0.28400
92	17.219	1.1992	0.56560	0.81608	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTER SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.058	0.97908	0.46169	0.66626	-1.0000
-112	14.123	0.98361	0.46383	0.66935	-1.0000
-122	14.048	0.97838	0.46136	0.66579	-1.0000
-127	14.068	0.97978	0.46202	0.66674	-1.0000
-137	14.118	0.98326	0.46366	0.66911	-1.0000
-142	14.108	0.98256	0.46334	0.66864	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.058	0.97908	0.46169	0.66626	0.00000
112	14.123	0.98361	0.46383	0.66935	0.00000
122	14.048	0.97838	0.46136	0.66579	0.00000
127	14.068	0.97978	0.46202	0.66674	0.00000
137	14.118	0.98326	0.46366	0.66911	0.00000
142	14.108	0.98256	0.46334	0.66864	0.00000
-152	14.118	0.98326	0.46366	0.66911	-1.0000
-157	14.113	0.98291	0.46350	0.66887	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.118	0.98326	0.46366	0.66911	-1.0000
-157	14.113	0.98291	0.46350	0.66887	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.123	0.98361	0.46383	0.66935	0.18900
172	14.098	0.98187	0.46301	0.66818	0.24900

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.053	0.97873	0.46153	0.66603	0.18900
187	14.013	0.97594	0.46021	0.66413	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	6.2453	0.43529	0.17348	0.35233	0.00000
37	13.759	0.95883	0.38257	0.55583	0.00000
47	15.633	1.0373	0.43384	0.62091	0.00000
52	15.793	1.1005	0.43912	0.63798	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	16.937	1.1524	0.45982	0.66836	0.12500
67	13.814	0.96266	0.38410	0.55805	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.975	0.76484	0.38617	0.44358	0.00000
82	18.375	1.2805	0.51094	0.74233	0.28400
92	19.245	1.3411	0.53511	0.77744	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.124	0.98425	0.39272	0.57057	-1.0000
-112	14.124	0.98425	0.39272	0.57057	-1.0000
-122	14.119	0.98390	0.39258	0.57036	-1.0000
-127	14.119	0.98390	0.39258	0.57036	-1.0000
-137	14.119	0.98390	0.39258	0.57036	-1.0000
-142	14.114	0.98355	0.39244	0.57016	-1.0000

>ADDITIONAL PRESSURE RATIOS , REPERCOY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.124	0.98425	0.39272	0.57057	0.00000
112	14.124	0.98425	0.39272	0.57057	0.00000
122	14.119	0.98390	0.39258	0.57036	0.00000
127	14.119	0.98390	0.39258	0.57036	0.00000
137	14.119	0.98390	0.39258	0.57036	0.00000
142	14.114	0.98355	0.39244	0.57016	0.00000
-152	14.119	0.98390	0.39258	0.57036	-1.0000
-157	14.119	0.98390	0.39258	0.57036	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.119	0.98390	0.39258	0.57036	-1.0000
-157	14.119	0.98390	0.39258	0.57036	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SECTOR LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.114	0.98355	0.39244	0.57016	0.18900
172	14.114	0.98355	0.39244	0.57016	0.24800

>ADDITIONAL PRESSURE RATIOS , 40 DEG SECTOR LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.344	0.99967	0.39965	0.58004	0.18900
187	14.344	0.99967	0.39965	0.58004	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLOW

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	8.1192	0.56612	0.34838	0.86466	0.00000
37	13.838	0.96328	0.31716	0.45713	0.00000
47	15.734	1.0955	0.36273	0.51487	0.00000
52	17.699	1.2347	0.39755	0.58492	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	20.339	1.4168	0.46617	0.67238	0.12500
67	15.459	1.1482	0.37989	0.54487	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	12.753	0.88966	0.28646	0.42226	0.23600
82	13.643	0.95176	0.30645	0.45167	0.28400
92	23.574	1.6445	0.52951	0.78043	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.128	0.98561	0.31735	0.46773	-1.0000
-112	14.133	0.98595	0.31746	0.46786	-1.0000
-122	14.113	0.98456	0.31701	0.46723	-1.0000
-127	14.113	0.98456	0.31701	0.46723	-1.0000
-137	14.118	0.98491	0.31712	0.46739	-1.0000
-142	14.118	0.98491	0.31712	0.46739	-1.0000

>ADDITIONAL PRESSURE RATIOS , FREEBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.128	0.98561	0.31735	0.46773	0.00000
112	14.133	0.98595	0.31746	0.46786	0.00000
122	14.113	0.98456	0.31701	0.46723	0.00000
127	14.113	0.98456	0.31701	0.46723	0.00000
137	14.118	0.98491	0.31712	0.46739	0.00000
142	14.118	0.98491	0.31712	0.46739	0.00000
-152	14.118	0.98491	0.31712	0.46739	-1.0000
-157	14.118	0.98491	0.31712	0.46739	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.118	0.98471	0.31712	0.46739	-1.0000
-157	14.118	0.98491	0.31712	0.46739	-1.0000

>ADDITIONAL PRESSURE RATIOS , SECONDARY LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
147	14.113	0.98456	0.31701	0.46723	0.10000
152	14.118	0.98491	0.31712	0.46739	0.24000

>ADDITIONAL PRESSURE RATIOS , SECONDARY LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
147	14.113	0.98456	0.31701	0.46723	0.10000
152	14.118	0.98491	0.31712	0.46739	0.24000

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 04:52:07.039 FAC 8X6X1 PGM C034 RDG 2646

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.539	0.80963	0.22410	0.32674	0.00000
37	16.979	1.1848	0.32956	0.48058	0.00000
47	13.020	0.90898	0.25285	0.36872	0.00000
52	13.940	0.97322	0.27072	0.39477	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	24.559	1.7146	0.47695	0.69551	0.12500
67	21.364	1.4916	0.41490	0.60503	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.565	0.94704	0.26343	0.38415	0.20900
82	14.210	0.99207	0.27596	0.40242	0.28400
92	15.825	1.1048	0.30733	0.44816	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.150	0.98788	0.27480	0.40072	-1.0000
-112	14.155	0.98823	0.27489	0.40086	-1.0000
-122	14.135	0.98684	0.27450	0.40030	-1.0000
-127	14.130	0.98649	0.27441	0.40016	-1.0000
-137	14.130	0.98649	0.27441	0.40016	-1.0000
-142	14.125	0.98614	0.27431	0.40001	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.150	0.98788	0.27480	0.40072	0.00000
112	14.155	0.98823	0.27489	0.40086	0.00000
122	14.135	0.98684	0.27450	0.40030	0.00000
127	14.130	0.98649	0.27441	0.40016	0.00000
137	14.130	0.98649	0.27441	0.40016	0.00000
142	14.125	0.98614	0.27431	0.40001	0.00000
152	14.130	0.98649	0.27441	0.40016	-1.0000
157	14.130	0.98649	0.27441	0.40016	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.130	0.98649	0.27441	0.40016	-1.0000
-157	14.130	0.98649	0.27441	0.40016	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPEED LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.130	0.98579	0.27421	0.39987	0.18900
172	14.125	0.98614	0.27431	0.40001	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPEED LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.130	0.98579	0.27421	0.39987	0.18900
172	14.125	0.98614	0.27431	0.40001	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLOW

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
32	13.959	0.72257	[illegible]	[illegible]	0.00000
37	20.484	1.4999	0.35726	0.51465	0.00000
47	15.169	1.0624	0.25408	0.36464	0.00000
52	11.994	0.83191	0.23761	0.29997	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
62	26.685	1.8629	0.46542	0.67345	0.12500
67	21.185	1.4790	0.38949	0.53227	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
77	12.345	0.85833	0.21443	0.30889	0.20900
82	17.775	1.2409	0.31091	0.44859	0.28400
92	12.415	0.86669	0.21653	0.31191	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-107	13.913	0.97126	0.24265	0.34955	-1.0000
-112	13.913	0.97126	0.24265	0.34955	-1.0000
-122	13.908	0.97091	0.24256	0.34942	-1.0000
-127	13.908	0.97091	0.24256	0.34942	-1.0000
-137	13.908	0.97091	0.24256	0.34942	-1.0000
-142	13.908	0.97091	0.24256	0.34942	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
107	13.913	0.97126	0.24265	0.34955	0.00000
112	13.913	0.97126	0.24265	0.34955	0.00000
122	13.908	0.97091	0.24256	0.34942	0.00000
127	13.908	0.97091	0.24256	0.34942	0.00000
137	13.908	0.97091	0.24256	0.34942	0.00000
142	13.908	0.97091	0.24256	0.34942	0.00000
-152	13.913	0.97126	0.24265	0.34955	-1.0000
-157	13.913	0.97126	0.24265	0.34955	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
-152	13.913	0.97126	0.24265	0.34955	-1.0000
-157	13.913	0.97126	0.24265	0.34955	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPOILER LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
167	13.908	0.97091	0.24256	0.34942	0.18900
172	13.908	0.97091	0.24256	0.34942	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPOILER LOCATION

AVD WORD	PI	PI/PO	PI/PTF	PI/PTP	X/DMAX
182	13.908	0.97091	0.24256	0.34942	0.18900
187	13.908	0.97091	0.24256	0.34942	0.24800

RUN 58

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	11.145	0.77835	0.19649	0.26920	0.00000
37	20.691	1.4388	0.36321	0.49760	0.00600
47	15.769	1.1013	0.27801	0.38088	0.00000
52	12.046	0.84126	0.21238	0.29098	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	28.662	2.0017	0.50533	0.69230	0.12500
67	14.142	0.98769	0.24934	0.34160	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.703	1.0268	0.25922	0.35514	0.20900
82	18.005	1.2574	0.31744	0.43489	0.28410
92	12.801	0.89404	0.22570	0.30921	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTER SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	13.957	0.97477	0.24608	0.33713	-1.0000
-112	14.082	0.98350	0.24828	0.34015	-1.0000
-122	13.912	0.97162	0.24528	0.33604	-1.0000
-127	13.967	0.97546	0.24625	0.33737	-1.0000
-137	14.087	0.98385	0.24837	0.34027	-1.0000
-142	14.017	0.97896	0.24714	0.33858	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	13.957	0.97477	0.24608	0.33713	0.00000
112	14.082	0.98350	0.24828	0.34015	0.00000
122	13.912	0.97162	0.24528	0.33604	0.00000
127	13.967	0.97546	0.24625	0.33737	0.00000
137	14.087	0.98385	0.24837	0.34027	0.00000
142	14.017	0.97896	0.24714	0.33858	0.00000
-152	14.082	0.98359	0.24828	0.34015	1.0000
-157	14.082	0.98350	0.24828	0.34015	1.0000

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.082	0.98350	0.24828	0.34015	-1.0000
-157	14.082	0.98350	0.24828	0.34015	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.077	0.98315	0.24819	0.34003	0.18900
172	13.992	0.97721	0.24669	0.33797	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.942	0.97372	0.24581	0.33677	0.18900
187	13.917	0.97197	0.24537	0.33616	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEII EEC 12/31/78 04:59:52.031 FAC 8X6X1 PGM C034 RDG 2649

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	7.5468	0.52924	0.16674	0.25052	0.10000
37	14.939	1.0458	0.33539	0.49454	0.00000
47	17.398	1.2137	0.38631	0.57456	0.00000
52	17.353	1.2105	0.38830	0.57302	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	24.382	1.7308	0.54557	0.80519	0.12500
67	14.139	0.98629	0.31637	0.46687	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.304	1.0378	0.32036	0.47232	0.20900
82	13.794	0.96223	0.30865	0.45548	0.28400
92	18.848	1.3148	0.42174	0.62237	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.029~~	~~0.97862~~	~~0.31391~~	~~0.46324~~	~~-1.0000~~
-112	14.109	0.98423	0.31570	0.46588	-1.0000
~~-122~~	~~13.974~~	~~0.97478~~	~~0.31268~~	~~0.46142~~	~~-1.0000~~
-127	13.989	0.97583	0.31301	0.46192	-1.0000
~~-137~~	~~14.069~~	~~0.98141~~	~~0.31480~~	~~0.46456~~	~~-1.0000~~
~~-142~~	~~14.064~~	~~0.98106~~	~~0.31469~~	~~0.46439~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.029	0.97862	0.31391	0.46324	0.00000
112	14.109	0.98423	0.31570	0.46588	0.00000
122	13.974	0.97478	0.31268	0.46142	0.00000
127	13.989	0.97583	0.31301	0.46192	0.00000
137	14.069	0.98141	0.31480	0.46456	0.00000
142	14.064	0.98106	0.31469	0.46439	0.00000
~~152~~	~~14.069~~	~~0.98141~~	~~0.31480~~	~~0.46456~~	~~1.0000~~
~~157~~	~~14.069~~	~~0.98141~~	~~0.31480~~	~~0.46456~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.069	0.98141	0.31480	0.46456	-1.0000
-157	14.069	0.98141	0.31480	0.46456	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.064	0.98106	0.31469	0.46439	0.18900
17[illegible]	14.059	0.98071	0.31458	0.46423	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.134	0.97867	0.31432	0.46369	0.18900
187	14.109	0.97723	0.31386	0.46298	0.24800

RUN 58

>ADDITIONAL PRESSURE RATIOS , PRIMARY DUCT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.500	0.73182	0.29135	0.42291	0.00000
37	13.619	0.94924	0.37799	0.54855	0.00000
47	15.734	1.0966	0.43657	0.63370	0.00000
52	15.928	1.1102	0.44197	0.64156	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	19.916	1.3881	0.55263	0.80217	0.12500
67	14.134	0.98513	0.39219	0.56929	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.249	0.99314	0.39538	0.57392	0.20900
82	13.994	0.97537	0.38831	0.56365	0.28400
92	20.376	1.4202	0.56538	0.82069	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.109	0.98338	0.39150	0.56828	-1.0000
-112	14.114	0.98373	0.39163	0.56848	-1.0000
-122	14.069	0.98060	0.39039	0.56667	-1.0000
-127	14.074	0.98095	0.39052	0.56687	-1.0000
-137	14.084	0.98164	0.39080	0.56727	-1.0000
-142	14.079	0.98129	0.39066	0.56707	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.109	0.98338	0.39150	0.56828	0.00000
112	14.114	0.98373	0.39163	0.56848	0.00000
122	14.069	0.98060	0.39039	0.56667	0.00000
127	14.074	0.98095	0.39052	0.56687	0.00000
137	14.084	0.98164	0.39080	0.56727	0.00000
142	14.079	0.98129	0.39066	0.56707	0.00000
-152	14.089	0.98199	0.39094	0.56748	-1.0000
-157	14.084	0.98164	0.39080	0.56727	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.089	0.98199	0.39094	0.56748	-1.0000
-157	14.084	0.98164	0.39080	0.56727	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPECUB LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.089	0.98199	0.39094	0.56748	0.18900
172	14.084	0.98164	0.39080	0.56727	0.24800

>ADDITIONAL PRESSURE RATIOS , 40 DEG SPECUB LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.094	0.98237	0.39108	0.56768	0.18900
187	14.089	0.98199	0.39094	0.56748	0.24800

Run 58

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.158	0.91637	0.43479	0.62812	0.00000
37	14.988	1.0439	0.49528	0.71550	0.00000
47	15.253	1.0623	0.50403	0.72815	0.00000
52	15.338	1.0682	0.50684	0.73221	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.139	1.1936	0.56633	0.81815	0.12500
67	14.128	0.98395	0.46685	0.67444	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.223	0.99057	0.46999	0.67897	0.20900
82	14.023	0.97663	0.46338	0.66942	0.28400
92	20.289	1.4130	0.67042	0.96853	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.038	0.98116	0.46553	0.67253	-1.0000
-112	14.128	0.98395	0.46685	0.67444	-1.0000
-122	14.048	0.97837	0.46421	0.67062	-1.0000
-127	14.083	0.98081	0.46536	0.67229	-1.0000
-137	14.133	0.98430	0.46702	0.67468	-1.0000
-142	14.113	0.98290	0.46636	0.67372	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.038	0.98116	0.46553	0.67253	0.00000
112	14.128	0.98395	0.46685	0.67444	0.00000
122	14.048	0.97837	0.46421	0.67062	0.00000
127	14.083	0.98081	0.46536	0.67229	0.00000
137	14.133	0.98430	0.46702	0.67468	0.00000
142	14.113	0.98290	0.46636	0.67372	0.00000
-152	14.128	0.98395	0.46685	0.67444	-1.0000
-157	14.128	0.98395	0.46685	0.67444	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.128	0.98395	0.46685	0.67444	-1.0000
-157	14.128	0.98395	0.46685	0.67444	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SECTOR LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.123	0.98365	0.46665	0.67444	0.15000
172	14.198	0.98886	0.47014	0.67948	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SECTOR LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.123	0.98365	0.46665	0.67444	0.15000
172	14.198	0.98886	0.47014	0.67948	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDFIT DEC 12/01/78 05:01:46.505 FAC 8X6X1 PGM C034 RDG 2652

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.961	0.97240	0.53113	0.78156	0.00000
37	14.666	1.0215	0.55798	0.82106	0.00000
47	14.821	1.0323	0.56388	0.82974	0.00000
52	14.981	1.0385	0.56817	0.83310	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.377	1.0710	0.58501	0.86084	0.12500
67	14.116	0.98320	0.53704	0.79024	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.206	0.98948	0.54046	0.79528	0.20900
82	14.071	0.98006	0.53532	0.78772	0.28400
92	20.240	1.4098	0.77004	1.1331	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.096	0.98181	0.53627	0.78912	-1.0000
-112	14.126	0.98390	0.53742	0.79080	-1.0000
-122	14.051	0.97867	0.53456	0.78660	-1.0000
-127	14.091	0.98146	0.53608	0.78884	-1.0000
-137	14.126	0.98390	0.53742	0.79080	-1.0000
-142	14.121	0.98355	0.53723	0.79052	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.096	0.98181	0.53627	0.78912	0.00000
112	14.126	0.98390	0.53742	0.79080	0.00000
122	14.051	0.97867	0.53456	0.78660	0.00000
127	14.091	0.98146	0.53608	0.78884	0.00000
137	14.126	0.98390	0.53742	0.79080	0.00000
142	14.121	0.98355	0.53723	0.79052	0.00000
-152	14.126	0.98390	0.53742	0.79080	1.0000
-157	14.121	0.98355	0.53723	0.79052	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.126	0.98390	0.53742	0.79080	-1.0000
-157	14.121	0.98355	0.53723	0.79052	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.126	0.98390	0.53742	0.79080	0.18900
172	14.116	0.98320	0.53704	0.79024	0.24800

>ADDITIONAL PRESSURE RATIOS , 30 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
187	14.375	0.99961	0.54551	0.78931	0.16971
192	14.366	1.0000	0.54617	0.79042	0.24800

RUN 58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDEII REC 12/01/78 05:04:15.037 FAC 8X6XI PGM C034 RDG 2653

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.584	0.87843	0.24521	0.33333	0.00000
37	17.753	1.2393	0.34594	0.46984	0.00000
47	13.994	0.97686	0.27268	0.37035	0.00000
52	11.948	0.83409	0.23283	0.31622	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	27.901	1.9477	0.54369	0.73843	0.12500
67	14.174	0.98942	0.27619	0.37511	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.209	0.99186	0.27687	0.37604	0.20900
82	14.446	1.0083	0.28145	0.39226	0.28400
92	11.763	0.82118	0.22922	0.31133	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.004	0.97756	0.27288	0.37061	-1.0000
-112	14.109	0.98488	0.27492	0.37339	-1.0000
-122	14.009	0.97790	0.27297	0.37075	-1.0000
127	14.014	0.97825	0.27307	0.37088	-1.0000
-137	14.119	0.98558	0.27512	0.37366	-1.0000
-142	14.074	0.98244	0.27424	0.37247	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.004	0.97756	0.27288	0.37061	0.00000
112	14.109	0.98488	0.27492	0.37339	0.00000
122	14.009	0.97790	0.27297	0.37075	0.00000
127	14.014	0.97825	0.27307	0.37088	0.00000
137	14.119	0.98558	0.27512	0.37366	0.00000
142	14.074	0.98244	0.27424	0.37247	0.00000
-152	14.109	0.98488	0.27492	0.37339	-1.0000
-157	14.119	0.98468	0.27492	0.37339	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.109	0.98488	0.27492	0.37339	-1.0000
-157	14.119	0.98468	0.27492	0.37339	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.134	0.98593	0.27521	0.37379	0.18900
172	14.039	0.97931	0.27336	0.37127	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPLITTER LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.393	0.93419	0.27473	0.37311	0.18900
187	14.044	0.97978	0.27350	0.37144	0.24800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	7.6385	0.53724	0.17269	0.36644	0.00000
37	12.956	0.90415	0.29231	0.43157	0.00000
47	16.197	1.1303	0.36542	0.53950	0.00000
52	17.607	1.2287	0.39723	0.58647	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	20.361	1.4209	0.45938	0.67823	0.12500
67	14.121	0.98547	0.31860	0.47038	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	14.272	0.99594	0.32198	0.47558	0.20900
82	14.732	1.0281	0.33236	0.49070	0.28403
92	23.816	1.6620	0.53733	0.79331	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.031	0.97919	0.31657	0.46738	-1.0000
-112	14.111	0.98477	0.31837	0.47005	-1.0000
-122	13.996	0.97674	0.31578	0.46622	-1.0000
-127	14.031	0.97919	0.31657	0.46738	-1.0000
-137	14.111	0.98477	0.31837	0.47005	-1.0000
-142	14.081	0.98268	0.31770	0.46905	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.031	0.97919	0.31657	0.46738	0.00000
112	14.111	0.98477	0.31837	0.47005	0.00000
122	13.996	0.97674	0.31578	0.46622	0.00000
127	14.031	0.97919	0.31657	0.46738	0.00000
137	14.111	0.98477	0.31837	0.47005	0.00000
142	14.081	0.98268	0.31770	0.46905	0.00000
-152	14.111	0.98477	0.31837	0.47005	-1.0000
-157	14.111	0.98477	0.31837	0.47005	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.111	0.98477	0.31837	0.47005	-1.0000
-157	14.111	0.98477	0.31837	0.47005	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.116	0.98513	0.31849	0.47021	0.18900
172	14.056	0.98093	0.31713	0.46822	0.24800

>ADDITIONAL PRESSURE RATIOS , 30 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.086	0.98303	0.31781	0.46922	0.18900
187	14.041	0.97989	0.31644	0.46719	0.24800

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY FLOW

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
32	6.6374	1.46278	0.18477	0.26614	0.00000
37	14.352	1.0007	0.59739	0.85283	0.00000
47	15.643	1.0837	0.45654	0.62366	0.00000
52	15.738	1.0952	0.43491	0.63028	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
62	10.613	1.1583	0.45997	0.66660	0.12500
67	13.987	0.97525	0.38728	0.56125	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
77	14.322	0.99861	0.39655	0.57470	0.20900
82	14.413	1.0049	0.39905	0.57831	0.22400
92	19.368	1.3504	0.53626	0.77715	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-107	14.032	0.97839	0.38852	0.56306	-1.0000
-112	14.107	0.98362	0.39060	0.56607	-1.0000
-122	13.977	0.97455	0.38700	0.56085	-1.0000
-127	14.037	0.97874	0.38866	0.56326	-1.0000
-137	14.097	0.98292	0.39032	0.56567	-1.0000
-142	14.077	0.98153	0.38977	0.56486	-1.0000

>ADDITIONAL PRESSURE RATIOS , AFTERBODY INLET

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
107	14.032	0.97839	0.38852	0.56306	0.00000
112	14.107	0.98362	0.39060	0.56607	0.00000
122	13.977	0.97455	0.38700	0.56085	0.00000
127	14.037	0.97874	0.38866	0.56326	0.00000
137	14.097	0.98292	0.39032	0.56567	0.00000
142	14.077	0.98153	0.38977	0.56486	0.00000
152	14.097	0.98292	0.39032	0.56567	1.0000
157	14.097	0.98292	0.39032	0.56567	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
-152	14.097	0.98292	0.39032	0.56567	-1.0000
-157	14.097	0.98292	0.39032	0.56567	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SECTOR LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
167	14.172	0.98827	0.39046	0.56587	0.18900
172	14.172	0.98110	0.38763	0.56466	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SECTOR LOCATION

AVD WORD	PI	PI/P0	PI/PTF	PI/PTP	X/DMAX
182	14.167	0.98793	0.39040	0.56446	0.18400
187	14.167	0.97499	0.38532	0.56341	0.24800

Rev 5B
RDG 2656

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/31/78 05:07:39.045 FAC RX6X1 PGM C034

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD, WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
32	13.636	0.87826	0.41456	0.69129	0.00000
37	14.557	1.0142	0.47873	0.79844	0.00000
47	14.428	1.0033	0.46051	0.76804	0.00000
52	15.123	1.0535	0.49732	0.71809	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
62	14.827	1.0330	0.48762	0.73438	0.12500
67	14.047	0.97864	0.46195	0.68702	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
77	14.417	1.0044	0.47412	0.68460	0.00000
87	16.468	1.1473	0.54157	0.78199	0.28400
92	17.234	1.2006	0.56674	0.81833	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
-107	14.062	0.97969	0.46244	0.66773	-1.0000
-112	14.122	0.98387	0.46442	0.67058	-1.0000
-122	14.022	0.97690	0.46113	0.66583	-1.0000
-127	14.037	0.97795	0.46162	0.66654	-1.0000
-137	14.072	0.98038	0.46277	0.66821	-1.0000
-142	14.067	0.98004	0.46261	0.66797	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
107	14.062	0.97969	0.46244	0.66773	0.00000
112	14.122	0.98387	0.46442	0.67058	0.00000
122	14.022	0.97690	0.46113	0.66583	0.00000
127	14.037	0.97795	0.46162	0.66654	0.00000
137	14.072	0.98038	0.46277	0.66821	0.00000
142	14.067	0.98004	0.46261	0.66797	0.00000
152	14.067	0.98004	0.46261	0.66797	1.0000
157	14.067	0.98004	0.46261	0.66797	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NACELLE LIP

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
-152	14.067	0.98004	0.46261	0.66797	-1.0000
-157	14.067	0.98004	0.46261	0.66797	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPECIFICATION

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
167	14.077	0.98074	0.46277	0.66821	0.12500
172	14.067	0.98004	0.46261	0.66797	0.24400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SPECIFICATION

AVD WORD	PI	PI/P0	PI/PTE	PI/PTP	X/DMAX
182	14.122	0.98387	0.46442	0.67058	0.12500
187	14.067	0.98004	0.46261	0.66797	0.24400

RUN58

NASA-LEWIS PRELIMINARY DATA 12/15/78 CADDETT REC 12/01/78 05:08:04.807 FAC 8X6X1 PGM C034 RDG 2657

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.745	0.95735	0.52567	0.77091	0.00000
37	14.431	1.0052	0.55213	0.80941	0.00000
47	14.617	1.0181	0.55922	0.81980	0.00000
52	14.717	1.0250	0.56306	0.82542	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.381	1.0017	0.55021	0.80660	0.12500
67	14.121	0.98352	0.54025	0.79198	0.37100

>ADDITIONAL PRESSUPE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.341	0.99888	0.54868	0.80435	0.20900
82	15.574	1.0847	0.59563	0.87347	0.28400
92	16.225	1.1301	0.62075	0.91000	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTER SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.071	0.98003	0.53833	0.78917	-1.0000
-112	14.076	0.98038	0.53852	0.78945	-1.0000
-122	14.046	0.97829	0.53737	0.78777	-1.0000
-127	14.041	0.97794	0.53718	0.78749	-1.0000
-137	14.051	0.97864	0.53756	0.78805	-1.0000
-142	14.051	0.97864	0.53756	0.78805	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.071	0.98003	0.53833	0.78917	0.00000
112	14.076	0.98038	0.53852	0.78945	0.00000
122	14.046	0.97829	0.53737	0.78777	0.00000
127	14.041	0.97794	0.53718	0.78749	0.00000
137	14.051	0.97864	0.53756	0.78805	0.00000
142	14.051	0.97864	0.53756	0.78805	0.00000
152	14.051	0.97864	0.53756	0.78805	1.0000
157	14.051	0.97864	0.53756	0.78805	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.051	0.97864	0.53756	0.78805	-1.0000
-157	14.051	0.97864	0.53756	0.78805	-1.0000

>ADDITIONAL PRESSURE RATIOS , 30 DEG SPLITLINE LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.046	0.97829	0.53737	0.78777	0.18900
172	14.046	0.97829	0.53737	0.78777	0.24800

>ADDITIONAL PRESSURE RATIOS , 50 DEG SPLITLINE LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.041	0.97794	0.53718	0.78749	0.18900
187	14.041	0.97794	0.53718	0.78749	0.24800

RUN 59

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM CO34 RDGS 2658 TO 2693
TIME AND DATE PROCESSED 23:12:08 JAN 05 1979

NOZZLE TYPE	P&W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	TAKEOFF
NOZZLE CONFIGURATION	200EG BOATTAIL SECTION REMOVED FROM TERTIERY DOORS
PRIMARY-NOZZLE PLUG	SPLIT PLUG (EXTENDED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	13 DEG
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTF/PIP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2658	0.018	1.46	1.83	1.25	0.000	0.548	0.974	1.067	0.9822	0.9822	0.9822	0.9822	0.9856	******
2659	0.023	1.44	2.12	1.47	0.000	0.473	0.975	1.018	0.9778	0.9778	0.9778	0.9778	0.9816	******
2660	0.029	1.45	2.51	1.73	0.000	0.398	0.976	0.979	0.9590	0.9590	0.9590	0.9590	0.9624	******
2661	0.041	1.48	3.11	2.11	0.000	0.322	0.976	0.972	0.9589	0.9589	0.9589	0.9589	0.9615	******
2662	0.050	1.46	3.61	2.47	0.000	0.278	0.979	0.967	0.9602	0.9602	0.9602	0.9602	0.9624	******
2663	0.051	1.46	3.98	2.72	0.000	0.252	0.979	0.976	0.9581	0.9581	0.9581	0.9581	0.9600	******
2664	0.050	1.46	3.98	2.72	0.000	0.252	0.977	0.975	0.9591	0.9591	0.9591	0.9591	0.9610	******
2665	0.053	1.46	3.61	2.47	0.000	0.278	0.975	0.962	0.9523	0.9523	0.9523	0.9523	0.9544	******
2666	0.039	1.48	3.10	2.10	0.000	0.323	0.975	0.970	0.9581	0.9581	0.9581	0.9581	0.9607	******
2667	0.043	1.45	2.52	1.73	0.000	0.398	0.978	0.978	0.9524	0.9524	0.9524	0.9524	0.9558	******
2668	0.021	1.44	2.12	1.47	0.000	0.471	0.976	1.016	0.9690	0.9690	0.9690	0.9690	0.9728	******
2669	0.018	1.46	1.83	1.25	0.000	0.547	0.973	1.065	0.9686	0.9686	0.9686	0.9686	0.9719	******
2670	0.053	1.46	3.61	2.47	0.000	0.277	0.980	0.966	0.9558	0.9558	0.9558	0.9558	0.9579	******
2671	0.033	1.45	2.51	1.73	0.000	0.399	0.976	0.978	0.9517	0.9517	0.9517	0.9517	0.9551	******
2672	0.027	1.44	2.12	1.47	0.000	0.472	0.975	1.017	0.9669	0.9669	0.9669	0.9669	0.9707	******
2673	0.021	1.46	1.83	1.25	0.000	0.548	0.973	1.060	0.9669	0.9669	0.9669	0.9669	0.9703	******
2674	0.049	1.48	3.12	2.11	0.000	0.322	0.979	0.973	0.9522	0.9522	0.9522	0.9522	0.9548	******
2675	0.054	1.46	3.98	2.72	0.000	0.251	0.981	0.971	0.9539	0.9539	0.9540	0.9540	0.9559	******
2676	0.051	1.46	3.60	2.47	0.000	0.278	0.976	0.962	0.9589	0.9589	0.9589	0.9589	0.9610	******
2677	0.049	1.48	3.11	2.10	0.000	0.322	0.977	0.974	0.9537	0.9537	0.9537	0.9537	0.9562	******
2678	0.027	1.45	2.51	1.73	0.000	0.398	0.977	0.978	0.9502	0.9502	0.9502	0.9502	0.9537	******
2679	0.023	1.44	2.12	1.47	0.000	0.472	0.975	1.017	0.9671	0.9671	0.9671	0.9671	0.9709	******
2683	0.016	1.46	1.83	1.25	0.000	0.548	0.973	1.062	0.9666	0.9666	0.9666	0.9666	0.9700	******
2681	0.358	1.45	1.84	1.27	0.000	0.544	0.973	1.016	0.9349	0.9349	0.9368	0.9368	0.9402	******
2682	0.359	1.45	1.86	1.28	0.000	0.541	0.973	1.012	0.9311	0.9311	0.9330	0.9330	0.9364	******
2683	0.361	1.44	2.12	1.47	0.000	0.474	0.974	1.009	0.9364	0.9364	0.9378	0.9378	0.9416	******
2684	0.361	1.45	2.52	1.74	0.000	0.398	0.976	0.978	0.9306	0.9306	0.9317	0.9317	0.9351	******
2685	0.361	1.47	3.11	2.12	0.000	0.323	0.976	0.969	0.9438	0.9438	0.9446	0.9446	0.9471	******
2686	0.361	1.45	3.62	2.49	0.000	0.277	0.977	0.963	0.9496	0.9496	0.9503	0.9503	0.9524	******
2687	0.360	1.46	3.83	2.62	0.000	0.262	0.975	0.965	0.9512	0.9512	0.9518	0.9518	0.9537	******
2688	0.360	1.46	3.82	2.62	0.000	0.262	0.976	0.963	0.9459	0.9459	0.9465	0.9465	0.9485	******
2689	0.358	1.45	3.62	2.49	0.000	0.277	0.976	0.963	0.9444	0.9444	0.9450	0.9450	0.9471	******
2690	0.359	1.48	3.13	2.11	0.000	0.321	0.975	0.971	0.9424	0.9424	0.9432	0.9432	0.9458	******
2691	0.356	1.46	2.53	1.73	0.000	0.397	0.977	0.979	0.9327	0.9327	0.9338	0.9338	0.9371	******
2692	0.359	1.44	2.13	1.47	0.000	0.471	0.976	1.010	0.9417	0.9417	0.9431	0.9431	0.9469	******
2693	0.354	1.46	1.84	1.26	0.000	0.545	0.973	1.016	0.9350	0.9350	0.9369	0.9369	0.9402	******

ORIGINAL PAGE IS OF POOR QUALITY

RUN 59

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/01/78 23:49:37.664 FAC 8X6X1 PCM 5036 PDG 2658

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.726	0.88705	0.48567	0.71045	0.00000
37	13.811	0.96265	0.52706	0.77100	0.00000
47	14.166	0.98738	0.54060	0.79080	0.00003
52	14.371	1.0017	0.54842	0.80224	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.601	0.94802	0.51905	0.75928	0.12500
67	13.726	0.95673	0.52381	0.76625	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.551	0.94453	0.51714	0.75649	0.20900
82	13.986	0.97484	0.53373	0.78076	0.28600
92	14.696	1.0243	0.56081	0.82038	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.196	0.98947	0.54174	0.79248	-1.0000
-112	14.191	0.98912	0.54155	0.79220	-1.0000
-122	14.191	0.98912	0.54155	0.79220	-1.0000
-127	14.186	0.98877	0.54136	0.79192	-1.0000
-137	14.186	0.98877	0.54136	0.79192	-1.0000
-142	14.186	0.98877	0.54136	0.79192	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.196	0.98947	0.54174	0.79248	0.00000
112	14.191	0.98912	0.54155	0.79220	0.00000
122	14.191	0.98912	0.54155	0.79220	0.00000
127	14.186	0.98877	0.54136	0.79192	0.00000
137	14.186	0.98877	0.54136	0.79192	0.00000
142	14.186	0.98877	0.54136	0.79192	0.00000
152	14.191	0.98912	0.54155	0.79220	-1.0000
157	14.186	0.98877	0.54136	0.79192	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.191	0.98912	0.54155	0.79220	-1.0000
-157	14.186	0.98877	0.54136	0.79192	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.181	0.98843	0.54117	0.79164	0.18900
172	13.681	0.95359	0.52210	0.76374	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.601	0.94802	0.51905	0.75928	0.18900
187	13.486	0.94000	0.51466	0.75286	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL PEC 12/21/78 23:50:33.372 FAC 8X6X1 PGM C034 RDG 2659

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.317	0.71910	0.33965	0.49025	0.00000
37	13.448	0.93733	0.44272	0.63903	0.00000
47	14.332	0.99892	0.47181	0.68102	0.00000
52	14.676	1.0229	0.48315	0.69739	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.222	0.99127	0.46820	0.67580	0.12500
67	13.348	0.92037	0.43943	0.63429	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.508	0.94150	0.44469	0.64188	0.20900
82	14.566	1.0153	0.47954	0.69217	0.28400
92	16.388	1.1423	0.53952	0.77876	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.177	0.98813	0.46672	0.67367	-1.0000
-112	14.072	0.98083	0.46327	0.66869	-1.0000
-122	14.052	0.97943	0.46261	0.66774	-1.0000
-127	14.037	0.97839	0.46211	0.66703	-1.0000
-137	14.102	0.98291	0.46425	0.67011	-1.0000
-142	14.107	0.98326	0.46442	0.67035	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.177	0.98813	0.46672	0.67367	0.00000
112	14.072	0.98083	0.46327	0.66869	0.00000
122	14.052	0.97943	0.46261	0.66774	0.00000
127	14.037	0.97839	0.46211	0.66703	0.00000
137	14.102	0.98291	0.46425	0.67011	0.00000
142	14.107	0.98326	0.46442	0.67035	0.00000
152	14.112	0.98361	0.46458	0.67058	1.0000
157	14.112	0.98361	0.46458	0.67058	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.112	0.98361	0.46458	0.67058	-1.0000
-157	14.112	0.98361	0.46458	0.67058	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.122	0.98431	0.46491	0.67106	0.18900
172	13.568	0.94568	0.44666	0.64473	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.498	0.94081	0.44436	0.64140	0.18900
187	13.363	0.93141	0.43993	0.63500	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/01/78 23:51:14.857 FAC 8X6X1 PGM C034 RDG 2660

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.2698	0.43730	0.17411	0.25312	0.00000
37	10.197	0.71122	0.28316	0.41167	0.00000
47	14.042	0.97942	0.38995	0.56691	0.00000
52	15.076	1.0515	0.41865	0.60864	0.02000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.549	1.1542	0.45955	0.66810	0.12500
67	14.018	0.97768	0.38925	0.56590	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.767	0.75093	0.29898	0.43466	0.20900
82	18.740	1.3071	0.52041	0.75657	0.28400
92	18.850	1.3148	0.52346	0.76101	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.197	0.99022	0.39425	0.57316	-1.0000
-112	14.192	0.98987	0.39411	0.57296	-1.0000
-122	14.192	0.98987	0.39411	0.57296	-1.0000
-127	14.177	0.98883	0.39369	0.57235	-1.0000
-137	14.182	0.98917	0.39383	0.57256	-1.0000
-142	14.177	0.98883	0.39369	0.57235	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.197	0.99022	0.39425	0.57316	0.00000
112	14.192	0.98987	0.39411	0.57296	0.00000
122	14.192	0.98987	0.39411	0.57296	0.00000
127	14.177	0.98883	0.39369	0.57235	0.00000
~~137~~	~~14.182~~	~~0.98917~~	~~0.39383~~	~~0.57256~~	~~0.00000~~
~~142~~	~~14.177~~	~~0.98883~~	~~0.39369~~	~~0.57235~~	~~0.00000~~
~~152~~	~~14.182~~	~~0.98917~~	~~0.39383~~	~~0.57256~~	~~1.0000~~
~~157~~	~~14.177~~	~~0.98883~~	~~0.39369~~	~~0.57235~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.182	0.98917	0.39383	0.57256	-1.0000
-157	14.177	0.98883	0.39369	0.57235	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.182	0.98917	0.39383	0.57256	0.18900
172	13.179	0.91917	0.36596	0.53204	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.294	0.92716	0.36915	0.53667	0.18900
187	13.134	0.91604	0.36471	0.53022	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 1

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII RFC 12/01/78 23:52:24.576 FAC 8X6X1 PGM C034 RDG 2661

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.1503	0.56892	0.18280	0.26994	0.00000
37	12.491	0.87189	0.28015	0.41369	0.00000
47	10.631	0.74207	0.23844	0.35209	0.00000
52	15.650	1.0924	0.35101	0.51832	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.258	1.4140	0.45435	0.67093	0.12500
67	16.280	1.1364	0.36513	0.53918	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.331	0.86073	0.27656	0.40839	0.20900
82	14.105	0.98460	0.31636	0.46717	0.28400
92	25.230	1.7612	0.56589	0.83563	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.150	0.98774	0.31737	0.46866	-1.0000
-112	14.085	0.98320	0.31592	0.46651	-1.0000
-122	14.030	0.97937	0.31468	0.46469	-1.0000
-127	14.025	0.97902	0.31457	0.46452	-1.0000
-137	14.040	0.98006	0.31491	0.46502	-1.0000
-142	14.035	0.97971	0.31480	0.46485	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.150	0.98774	0.31737	0.46866	0.00000
112	14.085	0.98320	0.31592	0.46651	0.00000
122	14.030	0.97937	0.31468	0.46469	0.00000
127	14.025	0.97902	0.31457	0.46452	0.00000
137	14.040	0.98006	0.31491	0.46502	0.00000
142	14.035	0.97971	0.31480	0.46485	0.00000
152	14.035	0.97971	0.31480	0.46485	1.0000
157	14.035	0.97971	0.31480	0.46485	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.035	0.97971	0.31480	0.46485	-1.0000
-157	14.035	0.97971	0.31480	0.46485	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.035	0.97971	0.31480	0.46485	0.18900
172	13.041	0.91028	0.29248	0.43191	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.166	0.91900	0.29529	0.43604	0.18900
187	12.881	0.89911	0.28890	0.42661	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

RUN 57

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/01/78 23:53:29.966 FAC 8X6X1 PGM C034 RDG 2662

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	19.551	0.73743	0.20453	0.29831	0.00000
37	16.789	1.1734	0.32544	0.47466	0.00000
47	12.549	0.87707	0.24326	0.35480	0.00000
52	11.301	0.78980	0.21906	0.31950	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.173	1.6895	0.46858	0.68344	0.12500
67	19.186	1.3409	0.37190	0.54252	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.423	0.93815	0.26020	0.37951	0.20900
82	15.256	1.0662	0.29573	0.43133	0.28400
92	22.426	1.5673	0.43471	0.63403	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.048~~	~~0.98178~~	~~0.27230~~	~~0.39716~~	~~-1.0000~~
-112	13.978	0.97690	0.27095	0.39518	-1.0000
~~-122~~	~~13.963~~	~~0.97585~~	~~0.27066~~	~~0.39476~~	~~-1.0000~~
-127	13.973	0.97655	0.27085	0.39504	-1.0000
~~-137~~	~~14.123~~	~~0.98702~~	~~0.27375~~	~~0.39928~~	~~-1.0000~~
~~-142~~	~~14.118~~	~~0.98667~~	~~0.27366~~	~~0.39914~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.048	0.98178	0.27230	0.39716	0.00000
112	13.978	0.97690	0.27095	0.39518	0.00000
122	13.963	0.97585	0.27066	0.39476	0.00000
127	13.973	0.97655	0.27085	0.39504	0.00000
~~137~~	~~14.123~~	~~0.98702~~	~~0.27375~~	~~0.39928~~	~~0.00000~~
~~142~~	~~14.118~~	~~0.98667~~	~~0.27366~~	~~0.39914~~	~~0.00000~~
~~152~~	~~14.123~~	~~0.98702~~	~~0.27375~~	~~0.39928~~	~~-1.0000~~
~~157~~	~~14.128~~	~~0.98737~~	~~0.27385~~	~~0.39942~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-152~~	~~14.123~~	~~0.98702~~	~~0.27375~~	~~0.39928~~	~~-1.0000~~
~~-157~~	~~14.128~~	~~0.98737~~	~~0.27385~~	~~0.39942~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.123	0.98702	0.27375	0.39928	0.18900
172	13.468	0.94129	0.26107	0.38078	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.313	0.93047	0.25807	0.37640	0.18900
187	13.079	0.91407	0.25352	0.36977	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 21

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/01/78 23:54:27.917 FAC 8X6X1 PGM C034 RDG 2663

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.507	0.73445	0.18474	0.26982	0.00000
37	16.915	1.1824	0.29741	0.43439	0.00000
47	15.137	1.0581	0.26615	0.38873	0.00000
52	12.026	0.84061	0.21144	0.30882	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.263	1.8358	0.46177	0.67445	0.12500
67	20.221	1.4135	0.35553	0.51928	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.029	0.98061	0.24666	0.36026	0.20900
82	17.070	1.1932	0.30013	0.43836	0.28400
92	13.195	0.92231	0.23199	0.33884	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.049	0.98201	0.24701	0.36077	-1.0000
-112	14.039	0.98131	0.24683	0.36052	-1.0000
-122	14.034	0.98096	0.24674	0.36039	-1.0000
-127	14.039	0.98131	0.24683	0.36052	-1.0000
-137	14.044	0.98166	0.24692	0.36064	-1.0000
-142	14.044	0.98166	0.24692	0.36064	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.049	0.98201	0.24701	0.36077	0.00000
112	14.039	0.98131	0.24683	0.36052	0.00000
122	14.034	0.98096	0.24674	0.36039	0.00000
127	14.039	0.98131	0.24683	0.36052	0.00000
137	14.044	0.98166	0.24692	0.36064	0.00000
142	14.044	0.98166	0.24692	0.36064	0.00000
152	14.044	0.98166	0.24692	0.36064	-1.0000
157	14.044	0.98166	0.24692	0.36064	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.044	0.98166	0.24692	0.36064	-1.0000
-157	14.044	0.98166	0.24692	0.36064	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.044	0.98166	0.24692	0.36064	0.18900
172	13.774	0.96281	0.24218	0.35372	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.115	0.91672	0.23058	0.33679	0.18900
187	12.770	0.89263	0.22453	0.32794	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/01/78 23:54:45.065 FAC 8X6X1 PGM C034 RDG 2664

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.510	0.73453	0.18464	0.26988	0.00000
37	16.989	1.1874	0.29846	0.43626	0.00000
47	15.050	1.0518	0.26439	0.38646	0.00000
52	12.015	0.83972	0.21108	0.30853	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.237	1.8336	0.46092	0.67371	0.12500
67	20.218	1.4130	0.35519	0.51917	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.100	0.98543	0.24771	0.36207	0.20900
82	17.009	1.1888	0.29881	0.43677	0.28400
92	13.130	0.91764	0.23067	0.33716	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.010	0.97914	0.24612	0.35976	-1.0000
-112	14.005	0.97879	0.24604	0.35963	-1.0000
-122	14.010	0.97914	0.24612	0.35976	-1.0000
-127	14.000	0.97844	0.24595	0.35950	-1.0000
-137	14.020	0.97984	0.24630	0.36001	-1.0000
-142	14.015	0.97949	0.24621	0.35988	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.010	0.97914	0.24612	0.35976	0.00000
112	14.005	0.97879	0.24604	0.35963	0.00000
122	14.010	0.97914	0.24612	0.35976	0.00000
127	14.000	0.97844	0.24595	0.35950	0.00000
~~137~~	~~14.020~~	~~0.97984~~	~~0.24630~~	~~0.36001~~	~~0.00000~~
~~142~~	~~14.015~~	~~0.97949~~	~~0.24621~~	~~0.35988~~	~~0.00000~~
~~152~~	~~14.020~~	~~0.97984~~	~~0.24630~~	~~0.36001~~	~~1.0000~~
~~157~~	~~14.015~~	~~0.97949~~	~~0.24621~~	~~0.35988~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.020	0.97984	0.24630	0.36001	-1.0000
-157	14.015	0.97949	0.24621	0.35988	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.020	0.97984	0.24630	0.36001	0.18900
172	13.730	0.95957	0.24121	0.35257	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.095	0.91520	0.23005	0.33626	0.18900
187	12.755	0.89144	0.22408	0.32753	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 57

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/01/78 23:55:55.798 FAC 8X6X1 PGM C034 RDG 2665

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.412	0.72741	0.20159	0.29488	0.00000
37	15.345	1.0721	0.29711	0.43461	0.00000
47	12.424	0.86795	0.24054	0.35186	0.00000
52	14.950	1.0445	0.28946	0.42342	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.004	1.6770	0.46476	0.67984	0.12500
67	17.321	1.2101	0.33537	0.49057	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.574	0.94835	0.26282	0.38445	0.20900
82	16.591	1.1591	0.32123	0.46989	0.28400
92	22.108	1.5445	0.42805	0.62614	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.085	0.98400	0.27270	0.39890	-1.0000
-112	14.075	0.98330	0.27251	0.39862	-1.0000
-122	14.005	0.97841	0.27115	0.39664	-1.0000
-127	14.000	0.97806	0.27105	0.39649	-1.0000
-137	14.005	0.97841	0.27115	0.39664	-1.0000
-142	14.005	0.97841	0.27115	0.39664	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.085	0.98400	0.27270	0.39890	0.00000
112	14.075	0.98330	0.27251	0.39862	0.00000
122	14.005	0.97841	0.27115	0.39664	0.00000
127	14.000	0.97806	0.27105	0.39649	0.00000
137	14.005	0.97841	0.27115	0.39664	0.00000
142	14.005	0.97841	0.27115	0.39664	0.00000
152	14.000	0.97806	0.27105	0.39649	-1.0000
157	14.000	0.97806	0.27105	0.39649	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.000	0.97806	0.27105	0.39649	-1.0000
-157	14.000	0.97806	0.27105	0.39649	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.005	0.97841	0.27115	0.39664	0.18900
172	13.584	0.94905	0.26301	0.38473	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.414	0.93716	0.25972	0.37992	0.18900
187	13.209	0.92283	0.25575	0.37411	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/01/78 23:57:12.811 FAC 8X6X1 PGM 6034 RDG 2664

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.2588	0.57643	0.18573	0.27455	0.00000
37	12.525	0.87421	0.28167	0.41637	0.00000
47	10.683	0.74561	0.24024	0.35513	0.00000
52	15.719	1.0971	0.35349	0.52254	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.233	1.4122	0.45501	0.67260	0.12500
67	17.981	1.2550	0.40436	0.59774	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.405	0.86583	0.27897	0.41238	0.20900
82	14.462	1.0094	0.32524	0.48077	0.28400
92	24.062	1.6794	0.54111	0.79988	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.137	0.98672	0.31792	0.46996	-1.0000
-112	14.117	0.98532	0.31747	0.46929	-1.0000
-122	14.117	0.98532	0.31747	0.46929	-1.0000
-127	14.117	0.98532	0.31747	0.46929	-1.0000
-137	14.112	0.98497	0.31736	0.46913	-1.0000
-142	14.117	0.98532	0.31747	0.46929	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.137	0.98672	0.31792	0.46996	0.00000
112	14.117	0.98532	0.31747	0.46929	0.00000
122	14.117	0.98532	0.31747	0.46929	0.00000
127	14.117	0.98532	0.31747	0.46929	0.00000
137	14.112	0.98497	0.31736	0.46913	0.00000
142	14.117	0.98532	0.31747	0.46929	0.00000
152	14.117	0.98532	0.31747	0.46929	-1.0000
157	14.112	0.98497	0.31736	0.46913	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.117	0.98532	0.31747	0.46929	-1.0000
-157	14.112	0.98497	0.31736	0.46913	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.112	0.98497	0.31736	0.46913	0.18900
172	13.111	0.91509	0.29484	0.43585	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.261	0.92557	0.29822	0.44084	0.18900
187	12.981	0.90601	0.29192	0.43152	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

Run 54

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/01/78 23:58:16.104 FAC RX6X1 PGM C034 RDG 2667

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.2036	0.43278	0.17182	0.24959	0.00000
37	10.165	0.70917	0.28156	0.40899	0.00000
47	13.970	0.97459	0.38694	0.56206	0.00000
52	15.036	1.0490	0.41646	0.60495	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.543	1.1541	0.45819	0.66556	0.12500
67	14.005	0.97703	0.38791	0.56347	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.761	0.75073	0.29806	0.43296	0.20900
82	19.555	1.3642	0.54163	0.78676	0.28400
92	20.716	1.4452	0.57378	0.83347	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.110	0.98437	0.39082	0.56770	-1.0000
-112	14.095	0.98332	0.39040	0.56709	-1.0000
-122	14.095	0.98332	0.39040	0.56709	-1.0000
-127	14.090	0.98297	0.39026	0.56689	-1.0000
-137	14.090	0.98297	0.39026	0.56689	-1.0000
-142	14.090	0.98297	0.39026	0.56689	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.110	0.98437	0.39082	0.56770	0.00000
112	14.095	0.98332	0.39040	0.56709	0.00000
122	14.095	0.98332	0.39040	0.56709	0.00000
127	14.090	0.98297	0.39026	0.56689	0.00000
137	14.090	0.98297	0.39026	0.56689	0.00000
142	14.090	0.98297	0.39026	0.56689	0.00000
152	14.085	0.98262	0.39012	0.56669	1.0000
157	14.085	0.98262	0.39012	0.56669	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.085	0.98262	0.39012	0.56669	-1.0000
-157	14.085	0.98262	0.39012	0.56669	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.080	0.98227	0.38999	0.56649	0.18900
172	13.119	0.91523	0.36337	0.52782	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.219	0.92221	0.36614	0.53185	0.18900
187	13.019	0.90824	0.36059	0.52380	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/01/78 23:58:50.367 FAC 8X6X1 PGM C034 BCS 2668

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.143	0.79719	0.33287	0.47972	0.00000
37	13.325	0.92854	0.43706	0.62987	0.00000
47	14.242	0.99242	0.46713	0.67321	0.00000
52	14.593	1.0169	0.47863	0.68978	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.157	0.98649	0.46434	0.66918	0.12500
67	12.995	0.90550	0.42622	0.61424	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.210	0.92051	0.43328	0.62443	0.20900
82	15.920	1.1094	0.52217	0.75252	0.28400
92	19.010	1.3247	0.62352	0.89859	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.057	0.97951	0.46105	0.66444	-1.0000
-112	14.047	0.97881	0.46072	0.66397	-1.0000
-122	14.042	0.97846	0.46056	0.66373	-1.0000
-127	14.037	0.97811	0.46039	0.66350	-1.0000
-137	14.037	0.97811	0.46039	0.66350	-1.0000
-142	14.042	0.97846	0.46056	0.66373	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.057	0.97951	0.46105	0.66444	0.00000
112	14.047	0.97881	0.46072	0.66397	0.00000
122	14.042	0.97846	0.46056	0.66373	0.00000
127	14.037	0.97811	0.46039	0.66350	0.00000
~~137~~	~~14.037~~	~~0.97811~~	~~0.46039~~	~~0.66350~~	~~0.00000~~
~~142~~	~~14.042~~	~~0.97846~~	~~0.46056~~	~~0.66373~~	~~0.00000~~
~~152~~	~~14.042~~	~~0.97846~~	~~0.46056~~	~~0.66373~~	~~-1.0000~~
~~157~~	~~14.032~~	~~0.97776~~	~~0.46023~~	~~0.66326~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.042	0.97846	0.46056	0.66373	-1.0000
-157	14.032	0.97776	0.46023	0.66326	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.037	0.97811	0.46039	0.66350	0.18900
172	13.486	0.93971	0.44232	0.63745	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.456	0.93762	0.44133	0.63603	0.18900
187	13.395	0.93343	0.43936	0.63319	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.602	0.87779	0.48023	0.70340	0.00000
37	13.686	0.95328	0.52153	0.76390	0.00000
47	14.052	0.97879	0.53549	0.78434	0.00000
52	14.258	0.99312	0.54332	0.79582	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.460	0.93755	0.51292	0.75130	0.12500
67	13.440	0.93616	0.51216	0.75018	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.340	0.92917	0.50834	0.74457	0.20900
82	15.427	1.0745	0.58787	0.86107	0.28400
92	17.178	1.1965	0.65459	0.95879	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.052	0.97879	0.53549	0.78434	-1.0000
-112	14.047	0.97844	0.53529	0.78406	-1.0000
-122	14.047	0.97844	0.53529	0.78406	-1.0000
-127	14.037	0.97774	0.53491	0.78350	-1.0000
-137	14.042	0.97809	0.53510	0.78378	-1.0000
-142	14.037	0.97774	0.53491	0.78350	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.052	0.97879	0.53549	0.78434	0.00000
112	14.047	0.97844	0.53529	0.78406	0.00000
122	14.047	0.97844	0.53529	0.78406	0.00000
127	14.037	0.97774	0.53491	0.78350	0.00000
137	14.042	0.97809	0.53510	0.78378	0.00000
142	14.037	0.97774	0.53491	0.78350	0.00000
152	14.032	0.97740	0.53472	0.78322	1.0000
157	14.037	0.97774	0.53491	0.78350	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.032	0.97740	0.53472	0.78322	-1.0000
-157	14.037	0.97774	0.53491	0.78350	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.037	0.97774	0.53491	0.78350	0.18900
172	13.596	0.94699	0.51809	0.75886	0.24800

>ADDITIONAL PRESSUPE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.516	0.94140	0.51503	0.75438	0.18900
187	13.485	0.93930	0.51388	0.75270	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 00:06:01.341 FAC 8X6X1 PGM C034 RDG 2670

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.517	0.73468	0.20361	0.29722	0.00000
37	16.726	1.1684	0.32382	0.47270	0.00000
47	12.411	0.86696	0.24027	0.35074	0.00000
52	11.072	0.77343	0.21434	0.31290	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.068	1.6813	0.46594	0.68018	0.12500
67	19.413	1.3561	0.37583	0.54864	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.345	0.93222	0.25835	0.37714	0.20900
32	15.423	1.0774	0.29858	0.43586	0.28400
92	22.670	1.5836	0.43887	0.64066	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.024	0.97968	0.27150	0.39634	-1.0000
-112	13.944	0.97409	0.26996	0.39408	-1.0000
-122	13.865	0.96851	0.26841	0.39182	-1.0000
-127	13.879	0.96956	0.26870	0.39225	-1.0000
-137	14.029	0.98002	0.27160	0.39648	-1.0000
-142	14.024	0.97968	0.27150	0.39634	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.024	0.97968	0.27150	0.39634	0.00000
112	13.944	0.97409	0.26996	0.39408	0.00000
122	13.865	0.96851	0.26841	0.39182	0.00000
127	13.879	0.96956	0.26870	0.39225	0.00000
-137	14.029	0.98002	0.27160	0.39648	0.00000
-142	14.024	0.97968	0.27150	0.39634	0.00000
-152	14.029	0.98002	0.27160	0.39648	-1.0000
-157	14.029	0.98002	0.27160	0.39648	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.029	0.98002	0.27160	0.39648	-1.0000
-157	14.029	0.98002	0.27160	0.39648	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.034	0.98037	0.27170	0.39662	0.18900
172	13.390	0.93536	0.25922	0.37841	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.225	0.92384	0.25603	0.37375	0.18900
187	13.030	0.91023	0.25226	0.36825	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.1685	0.43007	0.17120	0.24895	0.00000
37	10.142	0.70712	0.28150	0.40933	0.00000
47	13.999	0.97603	0.38854	0.56499	0.00000
52	15.028	1.0478	0.41710	0.60652	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.487	1.1494	0.45758	0.66538	0.12500
67	14.034	0.97846	0.38951	0.56640	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.627	0.74091	0.29495	0.42889	0.20900
82	19.418	1.3538	0.53894	0.78369	0.28400
92	18.949	1.3211	0.52591	0.76474	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.074	0.98125	0.39062	0.56801	-1.0000
-112	14.069	0.98090	0.39048	0.56781	-1.0000
-122	14.039	0.97881	0.38965	0.56660	-1.0000
-127	14.004	0.97637	0.38868	0.56519	-1.0000
-137	14.009	0.97672	0.38882	0.56539	-1.0000
-142	14.004	0.97637	0.38868	0.56519	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.074	0.98125	0.39062	0.56801	0.00000
112	14.069	0.98090	0.39048	0.56781	0.00000
122	14.039	0.97881	0.38965	0.56660	0.00000
127	14.004	0.97637	0.38868	0.56519	0.00000
137	14.009	0.97672	0.38882	0.56539	0.00000
142	14.004	0.97637	0.38868	0.56519	0.00000
152	14.004	0.97637	0.38868	0.56519	-1.0000
157	14.004	0.97637	0.38868	0.56519	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.004	0.97637	0.38868	0.56519	-1.0000
-157	14.004	0.97637	0.38868	0.56519	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.004	0.97637	0.38868	0.56519	0.18900
172	13.060	0.91055	0.36248	0.52709	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.220	0.92170	0.36691	0.53354	0.18900
187	13.110	0.91403	0.36386	0.52910	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 00:08:45.383 FAC 8X6X1 PGM C034 RDG 2672

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.089	0.70290	0.33131	0.47793	0.00000
37	13.235	0.92204	0.43460	0.62693	0.00000
47	14.131	0.98449	0.46404	0.66940	0.00000
52	14.517	1.0114	0.47670	0.68766	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.096	0.98205	0.46289	0.66774	0.12500
67	13.240	0.92239	0.43477	0.62717	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.129	0.91471	0.43115	0.62195	0.20900
82	16.034	1.1170	0.52652	0.75953	0.28400
92	17.080	1.1899	0.56088	0.80910	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.016	0.97647	0.46026	0.66394	-1.0000
-112	13.926	0.97019	0.45730	0.65967	-1.0000
-122	13.861	0.96565	0.45516	0.65659	-1.0000
-127	13.856	0.96530	0.45499	0.65635	-1.0000
-137	13.971	0.97333	0.45878	0.66181	-1.0000
-142	13.966	0.97298	0.45861	0.66157	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.016	0.97647	0.46026	0.66394	0.00000
112	13.926	0.97019	0.45730	0.65967	0.00000
122	13.861	0.96565	0.45516	0.65659	0.00000
127	13.856	0.96530	0.45499	0.65635	0.00000
137	13.971	0.97333	0.45878	0.66181	0.00000
142	13.966	0.97298	0.45861	0.66157	0.00000
152	13.971	0.97333	0.45878	0.66181	-1.0000
157	13.966	0.97298	0.45861	0.66157	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.971	0.97333	0.45878	0.66181	-1.0000
-157	13.966	0.97298	0.45861	0.66157	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.971	0.97333	0.45878	0.66181	0.18900
172	13.345	0.92972	0.43822	0.63215	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.315	0.92762	0.43723	0.63073	0.18900
187	13.305	0.92693	0.43691	0.63026	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

Rules

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:09:36.386 FAC 8X6X1 PGM C034 RDG 2673

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.618	0.87907	0.48132	0.70349	0.00000
37	13.698	0.95436	0.52254	0.76374	0.00000
47	14.069	0.98015	0.53666	0.78438	0.00000
52	14.269	0.99409	0.54429	0.79554	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.473	0.93868	0.51395	0.75119	0.12500
67	13.613	0.94843	0.51929	0.75900	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.308	0.92717	0.50765	0.74199	0.20900
82	15.419	1.0742	0.58818	0.85968	0.28400
92	15.779	1.0993	0.60192	0.87976	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.089	0.98154	0.53742	0.78550	-1.0000
-112	14.039	0.97806	0.53552	0.78271	-1.0000
-122	13.969	0.97318	0.53284	0.77880	-1.0000
-127	13.959	0.97248	0.53246	0.77825	-1.0000
-137	14.004	0.97562	0.53418	0.78076	-1.0000
-142	14.004	0.97562	0.53418	0.78076	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.089	0.98154	0.53742	0.78550	0.00000
112	14.039	0.97806	0.53552	0.78271	0.00000
122	13.969	0.97318	0.53284	0.77880	0.00000
127	13.959	0.97248	0.53246	0.77825	0.00000
137	14.004	0.97562	0.53418	0.78076	0.00000
142	14.004	0.97562	0.53418	0.78076	0.00000
152	13.999	0.97527	0.53399	0.78048	-1.0000
157	13.999	0.97527	0.53399	0.78048	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.999	0.97527	0.53399	0.78048	-1.0000
-157	13.999	0.97527	0.53399	0.78048	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.004	0.97562	0.53418	0.78076	0.18900
172	13.643	0.95053	0.52044	0.76067	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.518	0.94181	0.51567	0.75370	0.18900
187	13.513	0.94146	0.51548	0.75342	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9273	0.55339	0.17762	0.26227	0.00000
37	12.275	0.85687	0.27503	0.40609	0.00000
47	10.369	0.72388	0.23234	0.34307	0.00000
52	15.432	1.0773	0.34578	0.51057	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.103	1.4033	0.45043	0.66508	0.12500
67	16.174	1.1291	0.36240	0.53510	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.974	0.83587	0.26829	0.39614	0.20900
82	13.984	0.97619	0.31333	0.46264	0.28400
92	25.134	1.7546	0.56317	0.83155	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.964	0.97479	0.31288	0.46198	-1.0000
-112	13.964	0.97479	0.31288	0.46198	-1.0000
-122	13.919	0.97164	0.31187	0.46049	-1.0000
-127	13.894	0.96989	0.31131	0.45966	-1.0000
-137	13.899	0.97024	0.31142	0.45983	-1.0000
-142	13.894	0.96989	0.31131	0.45966	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.964	0.97479	0.31288	0.46198	0.00000
112	13.964	0.97479	0.31288	0.46198	0.00000
122	13.919	0.97164	0.31187	0.46049	0.00000
127	13.894	0.96989	0.31131	0.45966	0.00000
137	13.899	0.97024	0.31142	0.45983	0.00000
142	13.894	0.96989	0.31131	0.45966	0.00000
152	13.904	0.97059	0.31153	0.45999	-1.0000
157	13.899	0.97024	0.31142	0.45983	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.904	0.97059	0.31153	0.45999	-1.0000
-157	13.899	0.97024	0.31142	0.45983	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.899	0.97024	0.31142	0.45983	0.18900
172	12.901	0.90061	0.28907	0.42683	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.991	0.90691	0.29109	0.42981	0.18900
187	12.746	0.88976	0.28559	0.42168	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:14:40.400 FAC 8X6X1 PGM C034 RDG 2675

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.491	0.73287	0.18396	0.26915	0.00000
37	16.908	1.1812	0.29649	0.43380	0.00000
47	15.053	1.0516	0.26396	0.38620	0.00000
52	11.491	0.80278	0.20150	0.29482	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.241	1.8332	0.46014	0.67323	0.12500
67	20.169	1.4090	0.35367	0.51746	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.887	0.97018	0.24352	0.35630	0.20900
82	16.963	1.1851	0.29746	0.43521	0.28400
92	13.042	0.91252	0.22905	0.33512	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~13.942~~	~~0.97403~~	~~0.24449~~	~~0.35771~~	~~-1.0000~~
~~-112~~	~~13.937~~	~~0.97368~~	~~0.24440~~	~~0.35758~~	~~-1.0000~~
~~-122~~	~~13.927~~	~~0.97298~~	~~0.24422~~	~~0.35732~~	~~-1.0000~~
~~-127~~	~~13.922~~	~~0.97263~~	~~0.24414~~	~~0.35719~~	~~-1.0000~~
~~-137~~	~~13.927~~	~~0.97298~~	~~0.24422~~	~~0.35732~~	~~-1.0000~~
~~-142~~	~~13.932~~	~~0.97333~~	~~0.24431~~	~~0.35745~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.942	0.97403	0.24449	0.35771	0.00000
112	13.937	0.97368	0.24440	0.35758	0.00000
122	13.927	0.97298	0.24422	0.35732	0.00000
127	13.922	0.97263	0.24414	0.35719	0.00000
~~137~~	~~13.927~~	~~0.97298~~	~~0.24422~~	~~0.35732~~	~~0.00000~~
~~142~~	~~13.932~~	~~0.97333~~	~~0.24431~~	~~0.35745~~	~~0.00000~~
~~152~~	~~13.927~~	~~0.97298~~	~~0.24422~~	~~0.35732~~	~~-1.0000~~
~~157~~	~~13.932~~	~~0.97333~~	~~0.24431~~	~~0.35745~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-152~~	~~13.927~~	~~0.97298~~	~~0.24422~~	~~0.35732~~	~~-1.0000~~
~~-157~~	~~13.932~~	~~0.97333~~	~~0.24431~~	~~0.35745~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.927	0.97298	0.24422	0.35732	0.18900
172	13.912	0.97193	0.24396	0.35694	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.007	0.90868	0.22808	0.33371	0.18900
187	12.687	0.88631	0.22247	0.32550	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:16:25.100 FAC 8X6X1 PGM C034 RDG 2676

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.511	0.73404	0.20367	0.29752	0.00000
37	16.683	1.1650	0.32326	0.47221	0.00000
47	12.544	0.87599	0.24305	0.35505	0.00000
52	11.753	0.82075	0.22773	0.33266	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.024	1.6777	0.46550	0.68000	0.12500
67	19.140	1.3366	0.37087	0.54176	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.220	0.92318	0.25615	0.37418	0.28900
82	16.193	1.1308	0.31375	0.45833	0.28400
92	21.092	1.4729	0.40868	0.59700	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.000	0.97771	0.27128	0.39628	-1.0000
-112	13.985	0.97666	0.27099	0.39585	-1.0000
-122	13.930	0.97282	0.26992	0.39430	-1.0000
-127	13.915	0.97177	0.26963	0.39387	-1.0000
-137	13.940	0.97352	0.27011	0.39458	-1.0000
-142	13.940	0.97352	0.27011	0.39458	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.000	0.97771	0.27128	0.39628	0.00000
112	13.985	0.97666	0.27099	0.39585	0.00000
122	13.930	0.97282	0.26992	0.39430	0.00000
127	13.915	0.97177	0.26963	0.39387	0.00000
137	13.940	0.97352	0.27011	0.39458	0.00000
142	13.940	0.97352	0.27011	0.39458	0.00000
152	13.940	0.97352	0.27011	0.39458	1.0000
157	13.945	0.97387	0.27021	0.39472	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.940	0.97352	0.27011	0.39458	-1.0000
-157	13.945	0.97387	0.27021	0.39472	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.940	0.97352	0.27011	0.39458	0.18900
172	13.445	0.93891	0.26051	0.38055	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.300	0.92877	0.25770	0.37644	0.18900
187	13.074	0.91304	0.25333	0.37007	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:17:23.041 FAC 8X6X1 PGM C034 RDG 2677

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.0587	0.56249	0.18101	0.26788	0.00000
37	12.381	0.86417	0.27810	0.41156	0.00000
47	10.563	0.73729	0.23727	0.35114	0.00000
52	15.530	1.0840	0.34883	0.51624	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.125	1.4047	0.45204	0.66898	0.12500
67	16.366	1.1423	0.36761	0.54403	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.186	0.85054	0.27371	0.40507	0.20900
82	14.319	0.99941	0.32162	0.47597	0.28400
92	24.655	1.7209	0.55379	0.81957	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.993	0.97669	0.31431	0.46515	-1.0000
-112	13.983	0.97599	0.31408	0.46482	-1.0000
-122	13.928	0.97215	0.31285	0.46299	-1.0000
-127	13.918	0.97145	0.31262	0.46266	-1.0000
-137	13.938	0.97285	0.31307	0.46332	-1.0000
-142	13.933	0.97250	0.31296	0.46315	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.993	0.97669	0.31431	0.46515	0.00000
112	13.983	0.97599	0.31408	0.46482	0.00000
122	13.928	0.97215	0.31285	0.46299	0.00000
127	13.918	0.97145	0.31262	0.46266	0.00000
~~137~~	~~13.938~~	~~0.97285~~	~~0.31307~~	~~0.46332~~	~~0.00000~~
~~142~~	~~13.933~~	~~0.97250~~	~~0.31296~~	~~0.46315~~	~~0.00000~~
~~152~~	~~13.933~~	~~0.97250~~	~~0.31296~~	~~0.46315~~	~~-1.0000~~
~~157~~	~~13.933~~	~~0.97250~~	~~0.31296~~	~~0.46315~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.933	0.97250	0.31296	0.46315	-1.0000
-157	13.933	0.97250	0.31296	0.46315	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.933	0.97250	0.31296	0.46315	0.18900
172	12.992	0.90680	0.29182	0.43187	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.067	0.91205	0.29350	0.43436	0.18900
187	12.827	0.89527	0.28811	0.42637	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:18:32.728 FAC 8X6X1 PGM C034 RDG 2678

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.0640	0.42267	0.16816	0.24448	0.00000
37	10.036	0.69952	0.27830	0.40461	0.00000
47	13.896	0.96856	0.38534	0.56022	0.00000
52	14.947	1.0418	0.41449	0.60260	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.423	1.1447	0.45543	0.66212	0.12500
67	13.951	0.97240	0.38687	0.56244	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.632	0.74106	0.29483	0.42863	0.20900
82	19.771	1.3781	0.54827	0.79709	0.28400
92	20.467	1.4266	0.56756	0.82514	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.986	0.97484	0.38784	0.56385	-1.0000
-112	13.981	0.97449	0.38770	0.56365	-1.0000
-122	13.981	0.97449	0.38770	0.56365	-1.0000
-127	13.931	0.97100	0.38631	0.56163	-1.0000
-137	13.961	0.97309	0.38714	0.56285	-1.0000
-142	13.966	0.97344	0.38728	0.56305	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.986	0.97484	0.38784	0.56385	0.00000
112	13.981	0.97449	0.38770	0.56365	0.00000
122	13.981	0.97449	0.38770	0.56365	0.00000
127	13.931	0.97100	0.38631	0.56163	0.00000
137	13.961	0.97309	0.38714	0.56285	0.00000
142	13.966	0.97344	0.38728	0.56305	0.00000
152	13.971	0.97379	0.38742	0.56325	-1.0000
157	13.966	0.97344	0.38728	0.56305	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	13.971	0.97379	0.38742	0.56325	-1.0000
-157	13.966	0.97344	0.38728	0.56305	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.966	0.97344	0.38728	0.56305	0.18900
172	12.985	0.90506	0.36008	0.52349	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.145	0.91623	0.36452	0.52995	0.18900
187	12.955	0.90297	0.35924	0.52228	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.148	0.70691	0.33380	0.48177	0.00000
37	13.309	0.92711	0.43778	0.63184	0.00000
47	14.194	0.98877	0.46690	0.67386	0.00000
52	14.544	1.0131	0.47841	0.69048	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.109	0.98284	0.46410	0.66982	0.12500
67	13.064	0.91004	0.42972	0.62020	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.134	0.91492	0.43202	0.62353	0.20900
82	16.189	1.1277	0.53252	0.76857	0.28400
92	18.088	1.2601	0.59501	0.85877	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.009	0.97588	0.46081	0.66507	-1.0000
-112	14.009	0.97588	0.46081	0.66507	-1.0000
-122	13.959	0.97239	0.45916	0.66270	-1.0000
-127	13.949	0.97170	0.45884	0.66223	-1.0000
-137	14.009	0.97588	0.46081	0.66507	-1.0000
-142	14.004	0.97553	0.46064	0.66484	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.009	0.97588	0.46081	0.66507	0.00000
112	14.009	0.97588	0.46081	0.66507	0.00000
122	13.959	0.97239	0.45916	0.66270	0.00000
127	13.949	0.97170	0.45884	0.66223	0.00000
137	14.009	0.97588	0.46081	0.66507	0.00000
142	14.004	0.97553	0.46064	0.66484	0.00000
152	14.004	0.97553	0.46064	0.66484	-1.0000
157	13.999	0.97518	0.46048	0.66460	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.004	0.97553	0.46064	0.66484	-1.0000
-157	13.999	0.97518	0.46048	0.66460	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.004	0.97553	0.46064	0.66484	0.18900
172	13.354	0.93024	0.43926	0.63397	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.364	0.93094	0.43959	0.63445	0.18900
187	13.259	0.92362	0.43614	0.62946	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 00:20:23.256 FAC 8X6X1 PGM C034 RDG 2680

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.566	0.87512	0.47899	0.70092	0.00000
37	13.653	0.95078	0.52040	0.76152	0.00000
47	14.023	0.97658	0.53452	0.78219	0.00000
52	14.234	0.99122	0.54254	0.79392	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.418	0.93439	0.51143	0.74840	0.12500
67	13.533	0.94241	0.51582	0.75482	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.267	0.92393	0.50571	0.74002	0.20900
82	15.390	1.0718	0.58662	0.85842	0.28400
92	16.176	1.1265	0.61657	0.90225	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.078	0.98041	0.53662	0.78526	-1.0000
-112	14.078	0.98041	0.53662	0.78526	-1.0000
-122	14.028	0.97693	0.53472	0.78247	-1.0000
-127	14.023	0.97658	0.53452	0.78219	-1.0000
-137	14.018	0.97623	0.53433	0.78191	-1.0000
-142	14.023	0.97658	0.53452	0.78219	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.078	0.98041	0.53662	0.78526	0.00000
112	14.078	0.98041	0.53662	0.78526	0.00000
122	14.028	0.97693	0.53472	0.78247	0.00000
127	14.023	0.97658	0.53452	0.78219	0.00000
137	14.018	0.97623	0.53433	0.78191	0.00000
142	14.023	0.97658	0.53452	0.78219	0.00000
152	14.018	0.97623	0.53433	0.78191	1.0000
157	14.013	0.97588	0.53414	0.78163	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.018	0.97623	0.53433	0.78191	-1.0000
-157	14.013	0.97588	0.53414	0.78163	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.018	0.97623	0.53433	0.78191	0.18900
172	13.563	0.94450	0.51697	0.75650	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.558	0.94416	0.51678	0.75622	0.18900
187	13.433	0.93544	0.51201	0.74924	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

Run 54

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:06:15.811 FAC 8X6X1 PGM C034 RDG 2681

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.825	0.92890	0.50431	0.73296	0.00000
37	14.863	0.99861	0.54216	0.78797	0.00000
47	15.217	1.0224	0.55508	0.80675	0.00000
52	15.417	1.0355	0.56217	0.81706	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.609	0.98152	0.53288	0.77448	0.12500
67	14.529	0.97615	0.52997	0.77025	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.980	0.93929	0.50995	0.74116	0.20900
82	15.467	1.0392	0.56418	0.81997	0.28400
92	16.594	1.1149	0.60530	0.87973	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.244	0.95705	0.51960	0.75518	-1.0000
-112	14.220	0.95537	0.51869	0.75386	-1.0000
-122	14.115	0.94834	0.51487	0.74830	-1.0000
-127	14.264	0.95839	0.52033	0.75624	-1.0000
-137	14.624	0.98252	0.53343	0.77528	-1.0000
-142	14.629	0.98286	0.53361	0.77554	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.244	0.95705	0.51960	0.75518	0.00000
112	14.220	0.95537	0.51869	0.75386	0.00000
122	14.115	0.94834	0.51487	0.74830	0.00000
127	14.264	0.95839	0.52033	0.75624	0.00000
~~137~~	~~14.624~~	~~0.98252~~	~~0.53343~~	~~0.77528~~	~~0.00000~~
~~142~~	~~14.629~~	~~0.98286~~	~~0.53361~~	~~0.77554~~	~~0.00000~~
~~152~~	~~14.629~~	~~0.98286~~	~~0.53361~~	~~0.77554~~	~~-1.0000~~
~~157~~	~~14.629~~	~~0.98286~~	~~0.53361~~	~~0.77554~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.629	0.98286	0.53361	0.77554	-1.0000
-157	14.629	0.98286	0.53361	0.77554	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.629	0.98286	0.53361	0.77554	0.18900
172	14.614	0.98185	0.53306	0.77475	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.604	0.98118	0.53270	0.17422	0.18900
187	14.264	0.95839	0.52033	0.75624	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII RFC 12/02/78 01:17:55.370 FAC 8X6X1 PGM C034 RDG 2682

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.813	0.92158	0.49677	0.71957	0.00000
37	14.913	0.99491	0.53630	0.77683	0.00000
47	15.282	1.0196	0.54960	0.79608	0.00000
52	15.492	1.0336	0.55714	0.80701	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.623	0.97557	0.52588	0.76173	0.12500
67	14.568	0.97191	0.52391	0.75887	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.028	0.93591	0.50450	0.73076	0.20900
82	15.587	1.0399	0.56056	0.81196	0.28400
92	16.636	1.1099	0.59828	0.86661	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.298	0.95391	0.51420	0.74481	-1.0000
-112	14.293	0.95358	0.51402	0.74455	-1.0000
-122	14.168	0.94524	0.50953	0.73805	-1.0000
-127	14.363	0.95824	0.51654	0.74820	-1.0000
-137	14.693	0.98024	0.52840	0.76537	-1.0000
-142	14.688	0.97991	0.52822	0.76511	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.298	0.95391	0.51420	0.74481	0.00000
112	14.293	0.95358	0.51402	0.74455	0.00000
122	14.168	0.94524	0.50953	0.73805	0.00000
127	14.363	0.95824	0.51654	0.74820	0.00000
137	14.693	0.98024	0.52840	0.76537	0.00000
142	14.688	0.97991	0.52822	0.76511	0.00000
152	14.693	0.98024	0.52840	0.76537	-1.0000
157	14.693	0.98024	0.52840	0.76537	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.693	0.98024	0.52840	0.76537	-1.0000
-157	14.693	0.98024	0.52840	0.76537	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.698	0.98057	0.52858	0.76563	0.18900
172	14.683	0.97957	0.52804	0.76485	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.658	0.97791	0.52714	0.76355	0.18900
187	14.298	0.95391	0.51420	0.74481	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 01:18:43.237 FAC 8X6X1 PGM C034 RDG 2683

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.563	0.77058	0.36383	0.52314	0.00000
37	14.770	0.98429	0.46473	0.66823	0.00000
47	15.524	1.0346	0.48846	0.70235	0.00000
52	15.874	1.0578	0.49946	0.71816	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.080	1.0049	0.47448	0.68224	0.12500
67	14.236	0.94868	0.44792	0.64405	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.956	0.93004	0.43912	0.63139	0.70900
82	16.114	1.0738	0.50701	0.72901	0.28400
92	17.522	1.1677	0.55132	0.79272	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.501	0.96632	0.45625	0.65603	-1.0000
-112	14.391	0.95900	0.45279	0.65105	-1.0000
-122	14.171	0.94435	0.44588	0.64111	-1.0000
-127	14.306	0.95334	0.45012	0.64721	-1.0000
-137	14.700	0.97963	0.46253	0.66506	-1.0000
-142	14.690	0.97897	0.46222	0.66461	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.501	0.96632	0.45625	0.65603	0.00000
112	14.391	0.95900	0.45279	0.65105	0.00000
122	14.171	0.94435	0.44588	0.64111	0.00000
127	14.306	0.95334	0.45012	0.64721	0.00000
137	14.700	0.97963	0.46253	0.66506	0.00000
142	14.690	0.97897	0.46222	0.66461	0.00000
152	14.695	0.97930	0.46238	0.66484	1.0000
157	14.690	0.97897	0.46222	0.66461	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.695	0.97930	0.46238	0.66484	-1.0000
-157	14.690	0.97897	0.46222	0.66461	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.700	0.97963	0.46253	0.66506	0.18900
172	14.673	0.97764	0.46159	0.66371	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.650	0.97631	0.46096	0.66280	0.18900
187	14.306	0.95334	0.45012	0.64721	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

R: 5°

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:19:41.777 FAC 8X6X1 PGM CO34 RDG 2684

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.4340	0.43049	0.17052	0.24797	0.00000
37	11.455	0.76628	0.30358	0.44147	0.00000
47	15.169	1.0147	0.40201	0.58461	0.00000
52	16.213	1.0846	0.42969	0.62486	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.263	1.1548	0.45750	0.66530	0.12500
67	14.559	0.97393	0.38585	0.56111	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.160	0.74655	0.29577	0.43011	0.20900
82	20.976	1.4032	0.55590	0.80840	0.28400
92	19.816	1.3256	0.52518	0.76372	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.254	0.95353	0.37777	0.54936	-1.0000
-112	14.224	0.95153	0.37698	0.54820	-1.0000
-122	14.179	0.94852	0.37578	0.54647	-1.0000
-127	14.269	0.95454	0.37817	0.54993	-1.0000
-137	14.659	0.98061	0.38850	0.56496	-1.0000
-142	14.659	0.98061	0.38850	0.56496	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.254	0.95353	0.37777	0.54936	0.00000
112	14.224	0.95153	0.37698	0.54820	0.00000
122	14.179	0.94852	0.37578	0.54647	0.00000
127	14.269	0.95454	0.37817	0.54993	0.00000
137	14.659	0.98061	0.38850	0.56496	0.00000
142	14.659	0.98061	0.38850	0.56496	0.00000
152	14.659	0.98061	0.38850	0.56496	-1.0000
157	14.664	0.98095	0.38863	0.56515	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.659	0.98061	0.38850	0.56496	-1.0000
-157	14.664	0.98095	0.38863	0.56515	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.659	0.98061	0.38850	0.56496	0.18900
172	14.199	0.94986	0.37631	0.54724	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.339	0.95922	0.38002	0.55263	0.18900
187	13.959	0.93381	0.36996	0.53799	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:20:48.157 FAC 8X6X1 PGM C034 RDG 2685

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.4182	0.56168	0.18051	0.26541	0.00000
37	13.041	0.87012	0.27963	0.41116	0.00000
47	11.442	0.76344	0.24535	0.36075	0.00000
52	16.867	1.1254	0.36168	0.53181	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.243	1.4174	0.45550	0.66976	0.12500
67	17.027	1.1361	0.36511	0.53685	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.781	0.85279	0.27406	0.40297	0.20900
82	16.313	1.0884	0.34979	0.51432	0.28400
92	26.218	1.7494	0.56219	0.82662	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.460	0.96479	0.31006	0.45589	-1.0000
-112	14.435	0.96313	0.30952	0.45511	-1.0000
-122	14.280	0.95279	0.30620	0.45022	-1.0000
-127	14.410	0.96146	0.30898	0.45432	-1.0000
-137	14.700	0.98079	0.31520	0.46345	-1.0000
-142	14.695	0.98046	0.31509	0.46330	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.460	0.96479	0.31006	0.45589	0.00000
112	14.435	0.96313	0.30952	0.45511	0.00000
122	14.280	0.95279	0.30620	0.45022	0.00000
127	14.410	0.96146	0.30898	0.45432	0.00000
~~137~~	~~14.700~~	~~0.98079~~	~~0.31520~~	~~0.46345~~	~~0.00000~~
~~142~~	~~14.695~~	~~0.98046~~	~~0.31509~~	~~0.46330~~	~~0.00000~~
~~152~~	~~14.705~~	~~0.98112~~	~~0.31530~~	~~0.46361~~	~~1.0000~~
~~157~~	~~14.700~~	~~0.98079~~	~~0.31520~~	~~0.46345~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.705	0.98112	0.31530	0.46361	-1.0000
-157	14.700	0.98079	0.31520	0.46345	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.705	0.98112	0.31530	0.46361	0.18900
172	14.045	0.93713	0.30116	0.44282	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.265	0.95179	0.30588	0.44975	0.18900
187	13.739	0.91613	0.29442	0.43290	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:22:24.284 FAC 8X6X1 PGM C034 RDG 2686

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.955	0.73062	0.20195	0.29314	0.00000
37	17.405	1.1608	0.32087	0.46574	0.20000
47	13.230	0.88238	0.24390	0.35403	0.00000
52	15.830	1.0558	0.29184	0.42360	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	25.274	1.6856	0.46594	0.67631	0.12500
67	19.005	1.2675	0.35036	0.50855	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.760	0.91773	0.25368	0.36821	0.20900
82	16.365	1.0915	0.30170	0.43792	0.28400
92	27.130	1.8094	0.50014	0.72595	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.460	0.96442	0.26658	0.38694	-1.0000
-112	14.430	0.96242	0.26603	0.38614	-1.0000
-122	14.245	0.95008	0.26262	0.38119	-1.0000
-127	14.400	0.96042	0.26548	0.38534	-1.0000
-137	14.680	0.97909	0.27064	0.39283	-1.0000
-142	14.680	0.97909	0.27064	0.39283	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.460	0.96442	0.26658	0.38694	0.00000
112	14.430	0.96242	0.26603	0.38614	0.00000
122	14.245	0.95008	0.26262	0.38119	0.00000
127	14.400	0.96042	0.26548	0.38534	0.00000
137	14.680	0.97909	0.27064	0.39283	0.00000
142	14.680	0.97909	0.27064	0.39283	0.00000
152	14.680	0.97909	0.27064	0.39283	-1.0000
157	14.680	0.97909	0.27064	0.39283	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.680	0.97909	0.27064	0.39283	-1.0000
-157	14.680	0.97909	0.27064	0.39283	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.680	0.97909	0.27064	0.39283	0.18900
172	14.535	0.96942	0.26796	0.38895	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.580	0.97242	0.26879	0.39015	0.18900
187	14.195	0.94675	0.26170	0.37985	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:23:38.908 FAC 8X6X1 PGM C034 RDG 2687

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.541	0.76989	0.20122	0.29380	0.00000
37	16.810	1.1213	0.29308	0.42791	0.00000
47	14.841	0.98997	0.25874	0.37778	0.00000
52	12.276	0.81891	0.21404	0.31250	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.681	1.7798	0.46517	0.67918	0.12500
67	19.739	1.3167	0.34414	0.50246	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.696	0.98030	0.25622	0.37409	0.20900
82	17.605	1.1743	0.30693	0.44814	0.28400
92	13.526	0.90228	0.23582	0.34432	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.481	0.96597	0.25247	0.36862	-1.0000
-112	14.471	0.96530	0.25230	0.36837	-1.0000
-122	14.256	0.95096	0.24855	0.36289	-1.0000
-127	14.466	0.96497	0.25221	0.36824	-1.0000
-137	14.681	0.97930	0.25596	0.37371	-1.0000
-142	14.676	0.97897	0.25587	0.37358	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.481	0.96597	0.25247	0.36862	0.00000
112	14.471	0.96530	0.25230	0.36837	0.00000
122	14.256	0.95096	0.24855	0.36289	0.00000
127	14.466	0.96497	0.25221	0.36824	0.00000
137	14.681	0.97930	0.25596	0.37371	0.00000
142	14.676	0.97897	0.25587	0.37358	0.00000
-152	14.686	0.97964	0.25604	0.37384	-1.0000
-157	14.686	0.97964	0.25604	0.37384	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.686	0.97964	0.25604	0.37384	-1.0000
-157	14.686	0.97964	0.25604	0.37384	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.686	0.97964	0.25604	0.37384	0.18900
172	14.631	0.97597	0.25508	0.37244	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.576	0.97230	0.25413	0.37104	0.18900
187	14.246	0.95030	0.24837	0.36264	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:24:05.771 FAC 8X6X1 PGM C034 ROG 2688

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.511	0.76657	0.20053	0.29231	0.00000
37	16.362	1.0896	0.28502	0.41548	0.00000
47	14.554	0.96917	0.25352	0.36957	0.00000
52	12.661	0.84309	0.22054	0.32149	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.651	1.7747	0.46425	0.67675	0.12500
67	19.424	1.2935	0.33835	0.49323	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	15.348	1.0221	0.26736	0.38974	0.20900
82	18.190	1.2113	0.31686	0.46190	0.28400
92	13.035	0.86804	0.22707	0.33101	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.464~~	~~0.96318~~	~~0.25196~~	~~0.36729~~	~~-1.0000~~
~~-112~~	~~14.454~~	~~0.96252~~	~~0.25178~~	~~0.36703~~	~~-1.0000~~
~~-122~~	~~14.344~~	~~0.95520~~	~~0.24987~~	~~0.36424~~	~~-1.0000~~
~~-127~~	~~14.509~~	~~0.96618~~	~~0.25274~~	~~0.36843~~	~~-1.0000~~
~~-137~~	~~14.694~~	~~0.97849~~	~~0.25596~~	~~0.37312~~	~~-1.0000~~
~~-142~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.464	0.96318	0.25196	0.36729	0.00000
112	14.454	0.96252	0.25178	0.36703	0.00000
122	14.344	0.95520	0.24987	0.36424	0.00000
127	14.509	0.96618	0.25274	0.36843	0.00000
~~137~~	~~14.694~~	~~0.97849~~	~~0.25596~~	~~0.37312~~	~~0.00000~~
~~142~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~0.00000~~
~~152~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~1.0000~~
~~157~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-152~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~-1.0000~~
~~-157~~	~~14.689~~	~~0.97815~~	~~0.25587~~	~~0.37299~~	~~-1.0000~~

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.689	0.97815	0.25587	0.37299	0.18900
172	14.939	0.99478	0.26022	0.37934	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.714	0.97982	0.25631	0.37363	0.18900
187	14.399	0.95886	0.25083	0.36564	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL RFC 12/02/78 01:25:12.134 FAC 8X6X1 PGM C034 RDG 2689

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.753	0.71704	0.19786	0.28742	0.00000
37	16.513	1.1012	0.30386	0.44139	0.00000
47	13.291	0.88630	0.24457	0.35527	0.00000
52	16.184	1.0792	0.29779	0.43258	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	25.209	1.6911	0.46388	0.67384	0.12500
67	18.077	1.2054	0.33263	0.48318	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.840	0.98958	0.27307	0.39666	0.20900
82	17.063	1.1378	0.31397	0.45608	0.28400
92	25.819	1.7217	0.47509	0.69013	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.450	0.96359	0.26590	0.38625	-1.0000
-112	14.440	0.96293	0.26571	0.38598	-1.0000
-122	14.305	0.95393	0.26323	0.38238	-1.0000
-127	14.500	0.96692	0.26682	0.38758	-1.0000
-137	14.735	0.98258	0.27114	0.39386	-1.0000
-142	14.735	0.98258	0.27114	0.39386	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.450	0.96359	0.26590	0.38625	0.00000
112	14.440	0.96293	0.26571	0.38598	0.00000
122	14.305	0.95393	0.26323	0.38238	0.00000
127	14.500	0.96692	0.26682	0.38758	0.00000
137	14.735	0.98258	0.27114	0.39386	0.00000
142	14.735	0.98258	0.27114	0.39386	0.00000
152	14.740	0.98291	0.27123	0.39399	1.0000
157	14.735	0.98258	0.27114	0.39386	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.740	0.98291	0.27123	0.39399	-1.0000
-157	14.735	0.98258	0.27114	0.39386	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.735	0.98258	0.27114	0.39386	0.18900
172	14.575	0.97192	0.26820	0.38959	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.640	0.97625	0.26939	0.39132	0.18900
187	14.270	0.95160	0.26259	0.38144	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII RFC 12/02/78 01:26:47.142 FAC 8X6X1 PGM C034 RDG 2690

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.5105	0.56640	0.18121	0.26795	0.00000
37	13.240	0.88117	0.28191	0.41686	0.00000
47	11.644	0.77493	0.24792	0.36660	0.00000
52	16.872	1.1229	0.35925	0.53122	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.269	1.4155	0.45287	0.66966	0.12500
67	17.212	1.1455	0.36649	0.54193	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.726	0.98006	0.31355	0.46365	0.20900
82	15.937	1.0606	0.33933	0.50177	0.28400
92	26.832	1.7858	0.57132	0.84481	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.361	0.95576	0.30577	0.45215	-1.0000
-112	14.241	0.94777	0.30322	0.44837	-1.0000
-122	14.196	0.94477	0.30226	0.44695	-1.0000
-127	14.406	0.95875	0.30673	0.45357	-1.0000
-137	14.686	0.97740	0.31270	0.46239	-1.0000
-142	14.681	0.97707	0.31259	0.46223	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.361	0.95576	0.30577	0.45215	0.00000
112	14.241	0.94777	0.30322	0.44837	0.00000
122	14.196	0.94477	0.30226	0.44695	0.00000
127	14.406	0.95875	0.30673	0.45357	0.00000
137	14.686	0.97740	0.31270	0.46239	0.00000
142	14.681	0.97707	0.31259	0.46223	0.00000
152	14.701	0.97840	0.31302	0.46286	1.0000
157	14.691	0.97773	0.31280	0.46255	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.701	0.97840	0.31302	0.46286	-1.0000
-157	14.691	0.97773	0.31280	0.46255	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.691	0.97773	0.31280	0.46255	0.18900
172	14.000	0.93178	0.29810	0.44081	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.161	0.94244	0.30151	0.44585	0.18900
187	13.665	0.90947	0.29096	0.43025	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

Run 57

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDETT REC 12/02/78 01:27:58.074 FAC 8X6X1 PGM C034 RDG 2691

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.5276	0.43460	0.17178	0.25129	0.00010
37	11.567	0.77011	0.30439	0.44527	0.00010
47	15.248	1.0152	0.40127	0.58698	0.00000
52	16.273	1.0835	0.42824	0.62645	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	17.223	1.1467	0.45325	0.66302	0.12500
67	14.373	0.95693	0.37823	0.55329	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	11.252	0.74913	0.29610	0.43314	0.20900
82	21.189	1.4107	0.55760	0.81567	0.28400
92	21.899	1.4580	0.57628	0.84300	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.293	0.95160	0.37613	0.55021	-1.0000
-112	14.288	0.95127	0.37600	0.55002	-1.0000
-122	14.148	0.94195	0.37231	0.54463	-1.0000
-127	14.353	0.95560	0.37771	0.55252	-1.0000
-137	14.683	0.97758	0.38639	0.56523	-1.0000
-142	14.673	0.97691	0.38613	0.56484	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.293	0.95160	0.37613	0.55021	0.00000
112	14.288	0.95127	0.37600	0.55002	0.00000
122	14.148	0.94195	0.37231	0.54463	0.00000
127	14.353	0.95560	0.37771	0.55252	0.00000
137	14.683	0.97758	0.38639	0.56523	0.00000
142	14.673	0.97691	0.38613	0.56484	0.00000
152	14.678	0.97724	0.38626	0.56504	1.0000
157	14.683	0.97758	0.38639	0.56523	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.678	0.97724	0.38626	0.56504	-1.0000
-157	14.683	0.97758	0.38639	0.56523	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.688	0.97791	0.38653	0.56542	0.18900
172	14.178	0.94395	0.37310	0.54578	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.393	0.95826	0.37876	0.55406	0.18900
187	13.983	0.93096	0.36797	0.53828	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 01:28:55.924 FAC 8X6X1 PGM C034 RDG 2692

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.542	0.76673	0.36017	0.52044	0.00000
37	14.771	0.98119	0.46091	0.66601	0.00000
47	15.525	1.0313	0.48446	0.70003	0.00000
52	15.880	1.0549	0.49553	0.71602	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.066	1.0008	0.47011	0.67930	0.12500
67	14.021	0.93139	0.43752	0.63221	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.956	0.92708	0.43549	0.62928	0.20900
82	17.249	1.1458	0.53824	0.77775	0.28400
92	18.608	1.2361	0.58065	0.83903	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.331	0.95197	0.44719	0.64618	-1.0000
-112	14.196	0.94301	0.44298	0.64010	-1.0000
-122	14.146	0.93969	0.44142	0.63784	-1.0000
-127	14.381	0.95529	0.44875	0.64843	-1.0000
-137	14.756	0.98019	0.46044	0.66533	-1.0000
-142	14.756	0.98019	0.46044	0.66533	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.331	0.95197	0.44719	0.64618	0.00000
112	14.196	0.94301	0.44298	0.64010	0.00000
122	14.146	0.93969	0.44142	0.63784	0.00000
127	14.381	0.95529	0.44875	0.64843	0.00000
137	14.756	0.98019	0.46044	0.66533	0.00000
142	14.756	0.98019	0.46044	0.66533	0.00000
152	14.771	0.98119	0.46091	0.66601	-1.0000
157	14.761	0.98052	0.46060	0.66556	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.771	0.98119	0.46091	0.66601	-1.0000
-157	14.761	0.98052	0.46060	0.66556	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.771	0.98119	0.46091	0.66601	0.18900
172	14.651	0.97322	0.45717	0.66060	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.656	0.97355	0.45732	0.66082	0.18900
187	14.281	0.94866	0.44563	0.64393	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 01:29:58.542 FAC 8X6X1 PGM C034 RDG 2693

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.925	0.92519	0.50329	0.73568	0.00000
37	14.896	0.98974	0.53840	0.78701	0.00000
47	15.237	1.0124	0.55071	0.80500	0.00000
52	15.427	1.0250	0.55759	0.81505	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.626	0.97177	0.52863	0.77272	0.12500
67	14.385	0.95580	0.51994	0.76002	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.065	0.93451	0.50836	0.74309	0.20900
82	16.553	1.0999	0.59831	0.87458	0.28400
92	17.385	1.1551	0.62835	0.91849	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.470	0.96146	0.52302	0.76452	-1.0000
-112	14.365	0.95447	0.51922	0.75897	-1.0000
-122	14.215	0.94449	0.51379	0.75103	-1.0000
-127	14.265	0.94782	0.51560	0.75367	-1.0000
-137	14.646	0.97310	0.52935	0.77378	-1.0000
-142	14.646	0.97310	0.52935	0.77378	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.470	0.96146	0.52302	0.76452	0.00000
112	14.365	0.95447	0.51922	0.75897	0.00000
122	14.215	0.94449	0.51379	0.75103	0.00000
127	14.265	0.94782	0.51560	0.75367	0.00000
137	14.646	0.97310	0.52935	0.77378	0.00000
142	14.646	0.97319	0.52935	0.77378	0.00000
152	14.651	0.97344	0.52954	0.77405	1.0000
157	14.641	0.97410	0.52990	0.77458	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.651	0.97344	0.52954	0.77405	-1.0000
-157	14.641	0.97410	0.52990	0.77458	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.656	0.97377	0.52972	0.77431	0.16900
172	14.636	0.97244	0.52899	0.77325	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.636	0.97244	0.52899	0.77325	0.18900
187	14.309	0.95015	0.51687	0.75553	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 20

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 PTS 2694 TO 2710
TIME AND DATE PROCESSED 23:24:22 JAN 05 1979

NOZZLE TYPE	P+W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	TAKEOFF
NOZZLE CONFIGURATION	20DEG BOATTAIL SECTION REMOVED FROM TERTIERY DOORS
PRIMARY-NOZZLE PLUG	SPLIT PLUG (EXTENDED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CD.	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2694	0.018	1.47	1.63	1.25	0.000	0.547	0.973	1.042	0.9603	0.9603	0.9603	0.9603	0.9636	******
2695	0.027	1.44	2.12	1.47	0.000	0.472	0.976	1.009	0.9610	0.9610	0.9610	0.9610	0.9648	******
2696	0.025	1.46	2.52	1.72	0.000	0.397	0.978	0.981	0.9521	0.9521	0.9521	0.9521	0.9556	******
-2697	0.043	1.44	3.14	2.18	0.000	0.319	0.946	0.921	0.9609	0.9609	0.9610	0.9610	0.9634	******
2698	0.053	1.45	3.50	2.41	0.000	0.286	0.962	0.917	0.9682	0.9682	0.9682	0.9682	0.9704	******
2699	0.051	1.44	3.64	2.52	0.000	0.275	0.968	0.920	0.9742	0.9742	0.9742	0.9742	0.9763	******
2700	0.052	1.44	3.77	2.62	0.000	0.266	0.973	0.931	0.9758	0.9758	0.9759	0.9759	0.9778	******
2701	0.051	1.46	3.52	2.41	0.000	0.284	0.976	0.949	0.9676	0.9676	0.9676	0.9676	0.9698	******
-2702	0.053	1.46	3.63	2.49	0.000	0.275	0.979	0.949	0.9744	0.9744	0.9744	0.9744	0.9765	******
2703	0.052	1.46	3.61	2.46	0.000	0.278	0.977	0.950	0.9822	0.9822	0.9822	0.9822	0.9843	******
2704	0.049	1.48	3.11	2.10	0.000	0.322	0.977	0.975	0.9581	0.9581	0.9581	0.9581	0.9607	******
2705	0.033	1.45	2.51	1.73	0.000	0.398	0.976	0.978	0.9528	0.9528	0.9528	0.9528	0.9562	******
2706	0.023	1.44	2.12	1.47	0.000	0.472	0.974	1.004	0.9639	0.9639	0.9639	0.9639	0.9677	******
-2707	0.021	1.46	1.84	1.26	0.000	0.544	0.974	1.037	0.9613	0.9613	0.9613	0.9613	0.9646	******
-2708	0.039	1.48	3.13	2.12	0.000	0.320	0.978	0.973	0.9585	0.9585	0.9585	0.9585	0.9611	******
2709	0.050	1.46	3.51	2.40	0.000	0.285	0.978	0.959	0.9667	0.9667	0.9667	0.9667	0.9689	******
2710	0.052	1.46	4.01	2.74	0.000	0.250	0.981	0.976	0.9828	0.9828	0.9828	0.9828	0.9847	******

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.008	0.90459	0.49393	0.72381	0.00000
37	13.914	0.96757	0.52832	0.77421	0.00000
47	14.204	0.98776	0.53934	0.79035	0.00000
52	14.389	1.0006	0.54637	0.80066	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.884	0.96549	0.52718	0.77254	0.12500
67	13.894	0.96618	0.52756	0.77309	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.644	0.94878	0.51806	0.75917	0.20900
82	15.275	1.0622	0.58000	0.84994	0.28400
92	15.801	1.0988	0.59995	0.87917	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.184	0.98636	0.53858	0.78924	-1.0000
-112	14.174	0.98567	0.53820	0.78868	-1.0000
-122	14.169	0.98532	0.53801	0.78841	-1.0000
-127	14.159	0.98462.	0.53763	0.78785	-1.0000
-137	14.159	0.98462	0.53763	0.78785	-1.0000
-142	14.164	0.98497	0.53782	0.78813	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.184	0.98636	0.53858	0.78924	0.00000
112	14.174	0.98567	0.53820	0.78868	0.00000
122	14.169	0.98532	0.53801	0.78841	0.00000
127	14.159	0.98462	0.53763	0.78785	0.00000
137	14.159	0.98462	0.53763	0.78785	0.00000
142	14.164	0.98497	0.53782	0.78813	0.00000
152	14.164	0.98497	0.53782	0.78813	-1.0000
-157	14.154	0.98428	0.53744	0.78757	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.164	0.98497	0.53782	0.78813	-1.0000
-157	14.154	0.98428	0.53744	0.78757	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.154	0.98428	0.53744	0.78757	0.18900
172	13.599	0.94565	0.51635	0.75665	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.539	0.94147	0.51407	0.75332	0.18900
187	13.549	0.94217	0.51445	0.75388	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 100

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 02:16:47.507 FAC 8X6X1 PGM C034 RDG 2695

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.025	0.76703	0.36167	0.52200	0.00000
37	13.911	0.96774	0.45631	0.65860	0.00000
47	14.445	1.0050	0.47386	0.68393	0.00000
52	14.735	1.0251	0.48337	0.69765	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.495	1.0084	0.47550	0.68629	0.12500
67	13.701	0.95313	0.44942	0.64866	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.606	0.94652	0.44631	0.64416	0.20900
82	15.905	1.1065	0.52174	0.75304	0.28400
92	16.840	1.1715	0.55240	0.79729	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.146	0.98409	0.46402	0.66972	-1.0000
-112	14.146	0.98409	0.46402	0.66972	-1.0000
-122	14.116	0.98200	0.46303	0.66830	-1.0000
-127	14.116	0.98200	0.46303	0.66830	-1.0000
-137	14.126	0.98269	0.46336	0.66878	-1.0000
-142	14.131	0.98304	0.46353	0.66901	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.146	0.98409	0.46402	0.66972	0.00000
112	14.146	0.98409	0.46402	0.66972	0.00000
122	14.116	0.98200	0.46303	0.66830	0.00000
127	14.116	0.98200	0.46303	0.66830	0.00000
137	14.126	0.98269	0.46336	0.66878	0.00000
142	14.131	0.98304	0.46353	0.66901	0.00000
-152	14.121	0.98235	0.46320	0.66854	-1.0000
-157	14.121	0.98235	0.46320	0.66854	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.121	0.98235	0.46320	0.66854	-1.0000
-157	14.121	0.98235	0.46320	0.66854	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.121	0.98235	0.46320	0.66854	0.18900
172	13.646	0.94931	0.44762	0.64605	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.441	0.93504	0.44089	0.63635	0.18900
187	13.451	0.93574	0.44122	0.63682	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 02:17:55.361 FAC 8X6X1 PGM C034 RDG 2696

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.3683	0.44319	0.17608	0.25729	0.00000
37	13.026	0.90654	0.36017	0.52630	0.00000
47	15.051	1.0475	0.41616	0.60811	0.00000
52	15.641	1.0885	0.43247	0.63194	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.611	1.1560	0.45928	0.67113	0.12500
67	14.081	0.97996	0.38934	0.56892	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.911	0.96813	0.38464	0.56205	0.20900
82	20.825	1.4493	0.57580	0.84139	0.28400
92	19.181	1.3348	0.53033	0.77494	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.116	0.98240	0.39031	0.57033	-1.0000
-112	14.126	0.98309	0.39058	0.57074	-1.0000
-122	14.031	0.97648	0.38796	0.56690	-1.0000
-127	14.021	0.97579	0.38768	0.56650	-1.0000
-137	14.171	0.98623	0.39183	0.57256	-1.0000
-152	14.186	0.98727	0.39224	0.57316	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.116	0.98240	0.39031	0.57033	0.00000
112	14.126	0.98309	0.39058	0.57074	0.00000
122	14.031	0.97648	0.38796	0.56690	0.00000
127	14.021	0.97579	0.38768	0.56650	0.00000
137	14.171	0.98623	0.39183	0.57256	0.00000
142	14.186	0.98727	0.39224	0.57316	0.00000
-152	14.176	0.98657	0.39197	0.57276	-1.0000
-157	14.176	0.98657	0.39197	0.57276	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.176	0.98657	0.39197	0.57276	-1.0000
-157	14.176	0.98657	0.39197	0.57276	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.161	0.98553	0.39155	0.57215	0.18900
172	13.521	0.94099	0.37385	0.54630	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.401	0.93264	0.37054	0.54145	0.18900
187	13.421	0.93403	0.37109	0.54225	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:19:31.894 FAC 8X6X1 PGM C034 RDG 2697

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.2562	0.64503	0.20570	0.29571	0.00000
37	12.986	0.90494	0.28859	0.41486	0.00000
47	11.639	0.81111	0.25866	0.37184	0.00000
52	16.805	1.1710	0.37345	0.53686	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	22.279	1.5525	0.49511	0.71175	0.12500
67	14.137	0.98516	0.31417	0.45164	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.137	0.98516	0.31417	0.45164	0.20900
82	15.786	1.0999	0.35076	0.50424	0.28400
92	23.510	1.6383	0.52247	0.75108	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.147	0.98586	0.31440	0.45196	-1.0000
-112	14.127	0.98447	0.31395	0.45132	-1.0000
-122	14.092	0.98203	0.31317	0.45020	-1.0000
-127	13.982	0.97435	0.31072	0.44668	-1.0000
-137	14.122	0.98412	0.31384	0.45116	-1.0000
-142	14.137	0.98516	0.31417	0.45164	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.147	0.98586	0.31440	0.45196	0.00000
112	14.127	0.98447	0.31395	0.45132	0.00000
122	14.092	0.98203	0.31317	0.45020	0.00000
127	13.982	0.97435	0.31072	0.44668	0.00000
137	14.122	0.98412	0.31384	0.45116	0.00000
142	14.137	0.98516	0.31417	0.45164	0.00000
-152	14.132	0.98482	0.31406	0.45148	-1.0000
-157	14.122	0.98412	0.31384	0.45116	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.132	0.98482	0.31406	0.45148	-1.0000
-157	14.122	0.98412	0.31384	0.45116	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.127	0.98447	0.31395	0.45132	0.18900
172	13.371	0.93180	0.29715	0.42718	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.026	0.90773	0.28948	0.41614	0.18900
187	13.106	0.91331	0.29126	0.41870	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 02:21:16.466 FAC 8X6X1 PGM C034 RDG 2698

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.5637	0.66674	0.19049	0.27674	0.00000
37	15.361	1.0709	0.30595	0.44448	0.00000
47	12.025	0.83833	0.23951	0.34796	0.00000
52	15.806	1.1019	0.31482	0.45736	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.626	1.7168	0.49049	0.71257	0.12500
67	14.180	0.98860	0.28245	0.41033	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.140	0.98581	0.28165	0.40917	0.20900
82	15.306	1.0670	0.30486	0.44289	0.28400
92	22.601	1.5756	0.45016	0.65397	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.070	0.98093	0.28025	0.40715	-1.0000
-112	14.080	0.98163	0.28045	0.40744	-1.0000
-122	14.050	0.97954	0.27986	0.40657	-1.0000
-127	13.990	0.97535	0.27866	0.40483	-1.0000
-137	14.155	0.98686	0.28195	0.40961	-1.0000
-142	14.160	0.98721	0.28205	0.40975	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.070	0.98093	0.28025	0.40715	0.00000
112	14.080	0.98163	0.28045	0.40744	0.00000
122	14.050	0.97954	0.27986	0.40657	0.00000
127	13.990	0.97535	0.27866	0.40483	0.00000
137	14.155	0.98686	0.28195	0.40961	0.00000
142	14.160	0.98721	0.28205	0.40975	0.00000
-152	14.155	0.98686	0.28195	0.40961	-1.0000
-157	14.160	0.98721	0.28205	0.40975	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.155	0.98686	0.28195	0.40961	-1.0000
-157	14.160	0.98721	0.28205	0.40975	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.155	0.98686	0.28195	0.40961	0.18900
172	13.469	0.93849	0.26810	0.38949	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
132	13.395	0.93386	0.26681	0.38761	0.18900
187	13.475	0.93944	0.26840	0.38993	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:21:52.044 FAC 8X6X1 PGM C034 RDG 2699

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.895	0.82931	0.22808	0.32943	0.00000
37	16.287	1.1355	0.31228	0.45105	0.00000
47	12.941	0.90220	0.24813	0.35839	0.00000
52	13.801	0.96217	0.26462	0.38221	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	25.793	1.7982	0.49456	0.71433	0.12500
67	14.176	0.98833	0.27182	0.39260	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.161	0.98728	0.27153	0.39219	0.20900
82	15.171	1.0577	0.29090	0.42017	0.28400
92	19.232	1.3408	0.36876	0.53262	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.046	0.97926	0.26932	0.38900	-1.0000
-112	14.056	0.97996	0.26952	0.38928	-1.0000
-122	14.056	0.97996	0.26952	0.38928	-1.0000
-127	14.046	0.97926	0.26932	0.38900	-1.0000
-137	14.106	0.98345	0.27047	0.39066	-1.0000
-142	14.106	0.98345	0.27047	0.39066	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.046	0.97926	0.26932	0.38900	0.00000
112	14.056	0.97996	0.26952	0.38928	0.00000
122	14.056	0.97996	0.26952	0.38928	0.00000
127	14.046	0.97926	0.26932	0.38900	0.00000
137	14.106	0.98345	0.27047	0.39066	0.00000
142	14.106	0.98345	0.27047	0.39066	0.00000
-152	14.106	0.98345	0.27047	0.39066	-1.0000
-157	14.106	0.98345	0.27047	0.39066	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.106	0.98345	0.27047	0.39066	-1.0000
-157	14.106	0.98345	0.27047	0.39066	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.106	0.98345	0.27047	0.39066	0.18900
172	13.446	0.93742	0.25781	0.37238	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.[illegible]	0.92695	0.25494	0.36827	0.18900
187	13.376	0.93253	0.25647	0.37044	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:22:18.366 FAC 8X6X1 PGM C034 RDG 2700

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.550	0.73570	0.19505	0.28108	0.00000
37	18.947	1.3213	0.35029	0.50481	0.00000
47	14.126	0.98511	0.26117	0.37637	0.00000
52	10.865	0.75768	0.20087	0.28948	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.338	1.8367	0.48694	0.70173	0.12500
67	14.191	0.98964	0.26237	0.37810	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.166	0.98790	0.26191	0.37744	0.20900
82	15.062	1.0503	0.27846	0.40129	0.28400
92	19.357	1.3499	0.35788	0.51573	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.151	0.98685	0.26163	0.37704	-1.0000
-112	14.141	0.98616	0.26145	0.37677	-1.0000
-122	14.081	0.98197	0.26034	0.37517	-1.0000
-127	14.061	0.98058	0.25997	0.37464	-1.0000
-137	14.086	0.98232	0.26043	0.37530	-1.0000
-142	14.091	0.98267	0.26052	0.37544	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.151	0.98685	0.26163	0.37704	0.00000
112	14.141	0.98616	0.26145	0.37677	0.00000
122	14.081	0.98197	0.26034	0.37517	0.00000
127	14.061	0.98058	0.25997	0.37464	0.00000
137	14.086	0.98232	0.26043	0.37530	0.00000
142	14.091	0.98267	0.26052	0.37544	0.00000
-152	14.086	0.98232	0.26043	0.37530	-1.0000
-157	14.086	0.98232	0.26043	0.37530	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.086	0.98232	0.26043	0.37530	-1.0000
-157	14.086	0.98232	0.26043	0.37530	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.091	0.98267	0.26052	0.37544	0.18900
172	13.356	0.93140	0.24693	0.35585	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.171	0.91849	0.24351	0.35092	0.18900
187	13.211	0.92128	0.24425	0.35198	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 02:24:01.274 FAC 8X6X1 PGM C034 RDG 2701

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.846	0.75610	0.21479	0.31394	0.00000
37	15.999	1.1146	0.31663	0.46281	0.00000
47	12.317	0.85866	0.24392	0.35653	0.00000
52	14.839	1.0344	0.29385	0.42951	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.152	1.6837	0.47828	0.69909	0.12500
67	20.641	1.4389	0.40875	0.59745	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.154	0.98665	0.28028	0.40967	0.20900
82	15.529	1.0826	0.30752	0.44949	0.28400
92	25.468	1.7754	0.50433	0.73717	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.143	0.98596	0.28008	0.40938	-1.0000
-112	14.133	0.98526	0.27988	0.40909	-1.0000
-122	14.133	0.98526	0.27988	0.40909	-1.0000
-127	14.123	0.98456	0.27968	0.40880	-1.0000
-137	14.133	0.98526	0.27988	0.40909	-1.0000
-142	14.133	0.98526	0.27988	0.40909	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.143	0.98596	0.28008	0.40938	0.00000
112	14.133	0.98526	0.27988	0.40909	0.00000
122	14.133	0.98526	0.27988	0.40909	0.00000
127	14.123	0.98456	0.27968	0.40880	0.00000
137	14.133	0.98526	0.27988	0.40909	0.00000
142	14.133	0.98526	0.27988	0.40909	0.00000
-152	14.133	0.98526	0.27988	0.40909	-1.0000
-157	14.133	0.98526	0.27988	0.40909	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.133	0.98526	0.27988	0.40909	-1.0000
-157	14.133	0.98526	0.27988	0.40909	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.128	0.98491	0.27978	0.40895	0.18900
172	13.423	0.93574	0.26581	0.38853	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.326	0.92911	0.26393	0.38578	0.18900
187	13.393	0.93364	0.26522	0.38766	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:24:51.561 FAC 8X6X1 PGM C034 RDG 2702

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.093	0.84295	0.23196	0.33847	0.00000
37	16.976	1.1833	0.32563	0.47515	0.00000
47	12.913	0.90016	0.24770	0.36144	0.00000
52	10.396	0.72469	0.19942	0.29098	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	25.060	1.7469	0.48070	0.70142	0.12500
67	22.038	1.5362	0.42274	0.61684	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.324	0.92876	0.25557	0.37292	0.20900
82	16.050	1.1188	0.30788	0.44924	0.28400
92	20.663	1.4403	0.39635	0.57834	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.124	0.98456	0.27093	0.39533	-1.0000
-112	14.109	0.98352	0.27064	0.39491	-1.0000
-122	14.094	0.98247	0.27035	0.39449	-1.0000
-127	14.069	0.98073	0.26987	0.39379	-1.0000
-137	14.079	0.98142	0.27007	0.39407	-1.0000
-142	14.084	0.98177	0.27016	0.39421	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.124	0.98456	0.27093	0.39533	0.00000
112	14.109	0.98352	0.27064	0.39491	0.00000
122	14.094	0.98247	0.27035	0.39449	0.00000
127	14.069	0.98073	0.26987	0.39379	0.00000
137	14.079	0.98142	0.27007	0.39407	0.00000
142	14.084	0.98177	0.27016	0.39421	0.00000
152	14.074	0.98108	0.26997	0.39393	1.0000
157	14.079	0.98142	0.27007	0.39407	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.074	0.98108	0.26997	0.39393	-1.0000
-157	14.079	0.98142	0.27007	0.39407	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.074	0.98108	0.26997	0.39393	0.18900
172	13.499	0.94097	0.25893	0.37782	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.299	0.92632	0.25490	0.37194	0.18900
187	13.309	0.92771	0.25529	0.37250	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:25:52.860 FAC 8X65 PGM C034 RDG 2703

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.188	0.91958	0.25507	0.37365	0.00000
37	16.929	1.1804	0.32742	0.47962	0.00000
47	12.873	0.89758	0.24897	0.36471	0.00000
52	10.248	0.71456	0.19821	0.29035	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.840	1.7320	0.48041	0.70374	0.12500
67	21.831	1.5221	0.42221	0.61848	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.279	0.92586	0.25682	0.37620	0.20900
82	16.083	1.1214	0.31105	0.45565	0.28400
92	14.360	1.0013	0.27774	0.40685	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.085	0.98208	0.27241	0.39904	-1.0000
-112	13.995	0.97580	0.27067	0.39649	-1.0000
-122	14.005	0.97649	0.27086	0.39677	-1.0000
-127	13.985	0.97510	0.27047	0.39621	-1.0000
-137	14.055	0.97999	0.27183	0.39819	-1.0000
-142	14.060	0.98034	0.27193	0.39833	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOWL INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.085	0.98208	0.27241	0.39904	0.00000
112	13.995	0.97580	0.27067	0.39649	0.00000
122	14.005	0.97649	0.27086	0.39677	0.00000
127	13.985	0.97510	0.27047	0.39621	0.00000
137	14.055	0.97999	0.27183	0.39819	0.00000
142	14.060	0.98034	0.27193	0.39833	0.00000
-152	14.060	0.98034	0.27193	0.39833	-1.0000
-157	14.060	0.98034	0.27193	0.39833	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.060	0.98034	0.27193	0.39833	-1.0000
-157	14.060	0.98034	0.27193	0.39833	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.060	0.98034	0.27193	0.39833	0.18900
172	12.793	0.89199	0.24742	0.36244	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.773	0.89060	0.24703	0.36187	0.18900
187	12.953	0.90317	0.25052	0.36698	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/76 02:26:40.050 FAC 8X6X1 PGM C034 RDG 2704

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.1131	0.56527	0.18188	0.26947	0.00000
37	12.103	0.84325	0.27132	0.40199	0.00000
47	10.716	0.74666	0.24024	0.35594	0.00000
52	15.050	1.0486	0.33740	0.49988	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.258	1.4115	0.45416	0.67286	0.12500
67	16.276	1.1340	0.36488	0.54060	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.293	0.85651	0.27559	0.40830	0.20900
82	14.665	1.0218	0.32876	0.48708	0.28400
92	25.262	1.7601	0.56632	0.83904	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.150	0.98586	0.31721	0.46997	-1.0000
-112	14.110	0.98307	0.31631	0.46864	-1.0000
-122	14.105	0.98272	0.31620	0.46847	-1.0000
-127	14.085	0.98133	0.31575	0.46781	-1.0000
-137	14.130	0.98447	0.31676	0.46930	-1.0000
-142	14.130	0.98447	0.31676	0.46930	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.150	0.98586	0.31721	0.46997	0.00000
112	14.110	0.98307	0.31631	0.46864	0.00000
122	14.105	0.98272	0.31620	0.46847	0.00000
127	14.085	0.98133	0.31575	0.46781	0.00000
137	14.130	0.98447	0.31676	0.46930	0.00000
142	14.130	0.98447	0.31676	0.46930	0.00000
-152	14.135	0.98481	0.31687	0.46947	-1.0000
-157	14.130	0.98447	0.31676	0.46930	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.135	0.98481	0.31687	0.46947	-1.0000
-157	14.130	0.98447	0.31676	0.46930	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.130	0.98447	0.31676	0.46930	0.18900
172	13.404	0.93391	0.30049	0.44520	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.334	0.92903	0.29892	0.44288	0.18900
187	13.339	0.92938	0.29903	0.44304	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:27:52.963 FAC 8X6X1 PGM C034 RDG 2705

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.2508	0.43506	0.17310	0.25181	0.00000
37	12.985	0.90378	0.35959	0.52309	0.00000
47	14.972	1.0421	0.41461	0.60313	0.00000
52	15.612	1.0866	0.43235	0.62893	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.573	1.1535	0.45895	0.66763	0.12500
67	14.006	0.97484	0.38786	0.56422	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.653	0.74143	0.29499	0.42913	0.20900
82	20.886	1.4537	0.57839	0.84138	0.28400
92	19.180	1.3349	0.53114	0.77265	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.201	0.98842	0.39327	0.57208	-1.0000
-112	14.116	0.98250	0.39091	0.56866	-1.0000
-122	14.111	0.98215	0.39077	0.56845	-1.0000
-127	14.086	0.98041	0.39008	0.56745	-1.0000
-137	14.096	0.98111	0.39036	0.56785	-1.0000
-142	14.096	0.98111	0.39036	0.56785	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.201	0.98842	0.39327	0.57208	0.00000
112	14.116	0.98250	0.39091	0.56866	0.00000
122	14.111	0.98215	0.39077	0.56845	0.00000
127	14.086	0.98041	0.39008	0.56745	0.00000
137	14.096	0.98111	0.39036	0.56785	0.00000
142	14.096	0.98111	0.39036	0.56785	0.00000
152	14.096	0.98111	0.39036	0.56785	-1.0000
157	14.096	0.98111	0.39036	0.56785	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.096	0.98111	0.39036	0.56785	-1.0000
-157	14.096	0.98111	0.39036	0.56785	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.091	0.98076	0.39022	0.56765	0.18900
172	13.435	0.93513	0.37206	0.54124	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.365	0.93025	0.37012	0.53842	0.18900
187	13.370	0.93060	0.37026	0.53862	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:29:20.034 FAC 8X6X1 PGM C034 RDG 2706

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.003	0.76543	0.36090	0.52052	0.00000
37	13.841	0.96291	0.45401	0.65481	0.00000
47	14.368	0.99953	0.47128	0.67972	0.00000
52	14.649	1.0191	0.48049	0.69301	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.428	1.0037	0.47325	0.68257	0.12500
67	13.666	0.95070	0.44825	0.64651	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.460	0.93639	0.44151	0.63678	0.20900
82	16.514	1.1488	0.54167	0.78125	0.28400
92	17.040	1.1855	0.55894	0.80615	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.127	0.98279	0.46338	0.66834	-1.0000
-112	14.047	0.97721	0.46075	0.66454	-1.0000
-122	13.997	0.97372	0.45911	0.66217	-1.0000
-127	14.007	0.97442	0.45944	0.66264	-1.0000
-137	14.047	0.97721	0.46075	0.66454	-1.0000
-142	14.047	0.97721	0.46075	0.66454	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.127	0.98279	0.46338	0.66834	0.00000
112	14.047	0.97721	0.46075	0.66454	0.00000
122	13.997	0.97372	0.45911	0.66217	0.00000
127	14.007	0.97442	0.45944	0.66264	0.00000
137	14.047	0.97721	0.46075	0.66454	0.00000
142	14.047	0.97721	0.46075	0.66454	0.00000
-152	14.057	0.97791	0.46108	0.66501	-1.0000
-157	14.057	0.97791	0.46108	0.66501	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.057	0.97791	0.46108	0.66501	-1.0000
-157	14.057	0.97791	0.46108	0.66501	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.057	0.97791	0.46108	0.66501	0.18900
172	13.445	0.93535	0.44101	0.63607	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.275	0.92348	0.43542	0.62801	0.18900
187	13.355	0.92907	0.43805	0.63180	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDE11 PEC 12/02/78 02:30:03.334 FAC AX6X1 PGM C034 RDC 2707

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.043	0.90719	0.49349	0.72437	0.00000
37	13.964	0.97120	0.52832	0.77335	0.00000
42	14.249	0.99103	0.53910	0.78917	0.00000
52	14.439	1.0043	0.54629	0.79966	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.904	0.96703	0.52604	0.77002	0.12500
67	13.949	0.97016	0.52775	0.77251	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.634	0.94824	0.51583	0.75506	0.20900
82	16.059	1.1170	0.60760	0.88941	0.28400
92	16.069	1.1177	0.60798	0.88996	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.324	0.99625	0.54194	0.79329	-1.0000
-112	14.194	0.98721	0.53702	0.78609	-1.0000
-122	14.129	0.98268	0.53456	0.78249	-1.0000
-127	14.129	0.98268	0.53456	0.78249	-1.0000
-137	14.184	0.98651	0.53664	0.78553	-1.0000
-142	14.184	0.98651	0.53664	0.78553	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.324	0.99625	0.54194	0.79329	0.00000
112	14.194	0.98721	0.53702	0.78609	0.00000
122	14.129	0.98268	0.53456	0.78249	0.00000
127	14.129	0.98268	0.53456	0.78249	0.00000
137	14.184	0.98651	0.53664	0.78553	0.00000
142	14.184	0.98651	0.53664	0.78553	0.00000
-152	14.184	0.98651	0.53664	0.78553	-1.0000
-157	14.179	0.98616	0.53645	0.78526	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.184	0.98651	0.53664	0.78553	-1.0000
-157	14.179	0.98616	0.53645	0.78526	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.179	0.98616	0.53645	0.78526	0.18900
172	13.674	0.95103	0.51734	0.75728	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.549	0.94233	0.51261	0.75035	0.18900
187	13.554	0.94268	0.51280	0.75063	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 02:33:57.961 FAC 8X6X1 PGM C034 RDG 2708

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	8.0806	0.56276	0.18002	0.26561	0.00000
37	12.184	0.84855	0.27144	0.40050	0.00000
47	10.593	0.73773	0.23599	0.34820	0.00000
52	14.955	1.0416	0.33318	0.49159	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.392	1.4202	0.45429	0.67029	0.12500
67	16.386	1.1412	0.36505	0.53861	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.294	0.85621	0.27389	0.40411	0.20900
82	14.910	1.0384	0.33318	0.49011	0.28400
92	25.484	1.7748	0.56773	0.83766	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.195	0.98860	0.31624	0.46660	-1.0000
-112	14.185	0.98791	0.31602	0.46627	-1.0000
-122	14.135	0.98442	0.31490	0.46463	-1.0000
-127	14.050	0.97850	0.31301	0.46183	-1.0000
-137	14.170	0.98686	0.31568	0.46578	-1.0000
-142	14.165	0.98651	0.31557	0.46561	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.195	0.98860	0.31624	0.46660	0.00000
112	14.185	0.98791	0.31602	0.46627	0.00000
122	14.135	0.98442	0.31490	0.46463	0.00000
127	14.050	0.97850	0.31301	0.46183	0.00000
137	14.170	0.98686	0.31568	0.46578	0.00000
142	14.165	0.98651	0.31557	0.46561	0.00000
-152	14.165	0.98651	0.31557	0.46561	-1.0000
-157	14.165	0.98651	0.31557	0.46561	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.165	0.98651	0.31557	0.46561	-1.0000
-157	14.165	0.98651	0.31557	0.46561	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.160	0.98616	0.31546	0.46545	0.18900
172	13.300	0.92624	0.29629	0.43717	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.280	0.92485	0.29585	0.43651	0.18900
187	13.280	0.92485	0.29585	0.43651	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 02:35:36.232 FAC 8X6X1 PGM C034 RDG 2709

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.607	0.73920	0.21052	0.30769	0.00000
37	15.820	1.1025	0.31398	0.45891	0.00000
47	11.999	0.83623	0.23816	0.34808	0.00000
52	14.708	1.0250	0.29192	0.42667	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	23.779	1.6572	0.47196	0.68981	0.12500
67	20.250	1.4112	0.40192	0.58743	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.156	0.91685	0.26112	0.38164	0.20900
82	15.559	1.0843	0.30882	0.45136	0.28400
92	26.648	1.8571	0.52891	0.77304	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.172	0.98769	0.28129	0.41113	-1.0000
-112	14.092	0.98210	0.27970	0.40880	-1.0000
-122	14.087	0.98176	0.27960	0.40866	-1.0000
-127	14.082	0.98141	0.27950	0.40851	-1.0000
-137	14.117	0.98385	0.28020	0.40953	-1.0000
-142	14.122	0.98420	0.28030	0.40967	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.172	0.98769	0.28129	0.41113	0.00000
112	14.092	0.98210	0.27970	0.40880	0.00000
122	14.087	0.98176	0.27960	0.40866	0.00000
127	14.082	0.98141	0.27950	0.40851	0.00000
137	14.117	0.98385	0.28020	0.40953	0.00000
142	14.122	0.98420	0.28030	0.40967	0.00000
-152	14.112	0.98350	0.28010	0.40938	-1.0000
-157	14.112	0.98350	0.28010	0.40938	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.112	0.98350	0.28010	0.40938	-1.0000
-157	14.112	0.98350	0.28010	0.40938	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.097	0.98245	0.27980	0.40895	0.18900
172	13.522	0.94232	0.26837	0.39224	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.341	0.92976	0.26479	0.38701	0.18900
187	13.366	0.93151	0.26529	0.38774	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 60

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 02:43:35.240 FAC RX6X1 PGM C034 PDG 2710

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	10.289	0.71751	0.17902	0.26170	0.00000
37	20.696	1.4363	0.35837	0.52386	0.00000
47	15.601	1.0879	0.27145	0.39681	0.00000
52	12.132	0.84531	0.21091	0.30831	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	26.453	1.8447	0.46027	0.67282	0.12500
67	20.772	1.4485	0.36141	0.52831	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	14.109	0.98392	0.24550	0.35887	0.20900
82	17.653	1.2311	0.30716	0.44901	0.28400
92	12.978	0.90502	0.22581	0.33009	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.009	0.97693	0.24375	0.35632	-1.0000
-112	14.009	0.97693	0.24375	0.35632	-1.0000
-122	13.994	0.97589	0.24349	0.35594	-1.0000
-127	13.989	0.97554	0.24341	0.35581	-1.0000
-137	14.084	0.98217	0.24506	0.35823	-1.0000
-142	14.094	0.98287	0.24524	0.35848	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOWL INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.009	0.97693	0.24375	0.35632	0.00000
112	14.009	0.97693	0.24375	0.35632	0.00000
122	13.994	0.97589	0.24349	0.35594	0.00000
127	13.989	0.97554	0.24341	0.35581	0.00000
137	14.084	0.98217	0.24506	0.35823	0.00000
142	14.094	0.98287	0.24524	0.35848	0.00000
152	14.089	0.98252	0.24515	0.35836	-1.0000
157	14.089	0.98252	0.24515	0.35836	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.089	0.98252	0.24515	0.35836	-1.0000
-157	14.089	0.98252	0.24515	0.35836	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.089	0.98252	0.24515	0.35836	0.18900
172	13.283	0.92631	0.23112	0.33786	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.098	0.91340	0.22790	0.33315	0.18900
187	13.218	0.92177	0.22999	0.33620	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

Run 6'

NASA-LEWIS PRELIMINARY DATA CADDE-II FACILITY 8X6X1 PROGRAM C034 RDGS 2711 TO 2727
TIME AND DATE PROCESSED 23:37:18 JAN 05 1979

NOZZLE TYPE	P+W BASE EJECTOR NOZZLE (MODEL C)
FLIGHT CONDITIONS	TAKEOFF
NOZZLE CONFIGURATION	20DEG BOATTAIL SECTION REMOVED FROM TERTIERY DOORS
PRIMARY-NOZZLE PLUG	SPLIT PLUG (EXTENDED)
FLOW SPLITTER	ISENTROPIC SPLITTER
FAN NOZZLE	SHORT FLAP
CLAMSHELL POSITION	
EJECTOR INLET OPENING	EJECTOR SHROUD REMOVED

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2711	0.017	1.47	1.83	1.25	0.000	0.546	0.971	0.976	0.9857	0.9857	0.9857	0.9857	0.9888	******
2712	0.035	1.45	2.12	1.47	0.000	0.472	0.973	0.988	0.9756	0.9756	0.9756	0.9756	0.9793	******
2713	0.043	1.46	2.52	1.73	0.000	0.397	0.975	0.977	0.9574	0.9574	0.9574	0.9574	0.9608	******
2714	0.047	1.48	3.11	2.10	0.000	0.322	0.976	0.973	0.9592	0.9592	0.9593	0.9593	0.9618	******
2715	0.052	1.46	3.61	2.47	0.000	0.277	0.980	0.955	0.9711	0.9711	0.9711	0.9711	0.9732	******
2716	0.058	1.47	4.03	2.75	0.000	0.248	0.980	0.975	0.9789	0.9789	0.9789	0.9789	0.9808	******
2717	0.060	1.47	4.04	2.76	0.000	0.248	0.981	0.977	0.9776	0.9776	0.9776	0.9776	0.9795	******
2718	0.056	1.46	3.62	2.48	0.000	0.277	0.980	0.956	0.9697	0.9697	0.9697	0.9697	0.9718	******
2719	0.058	1.46	3.61	2.47	0.000	0.278	0.978	0.956	0.9688	0.9688	0.9688	0.9688	0.9709	******
2720	0.052	1.48	3.11	2.10	0.000	0.322	0.979	0.974	0.9554	0.9554	0.9554	0.9554	0.9579	******
2721	0.051	1.46	2.52	1.73	0.000	0.397	0.977	0.978	0.9500	0.9500	0.9500	0.9500	0.9534	******
2722	0.031	1.45	2.12	1.46	0.000	0.473	0.975	0.991	0.9601	0.9601	0.9601	0.9601	0.9638	******
2723	0.029	1.47	1.83	1.24	0.000	0.547	0.973	0.984	0.9544	0.9544	0.9545	0.9545	0.9576	******
2724	0.021	1.48	1.82	1.24	0.000	0.549	0.973	0.985	0.9529	0.9529	0.9529	0.9529	0.9560	******
2725	0.031	1.45	2.12	1.46	0.000	0.474	0.973	0.991	0.9554	0.9554	0.9554	0.9554	0.9591	******
2726	0.037	1.45	2.52	1.74	0.000	0.397	0.976	0.977	0.9464	0.9464	0.9465	0.9465	0.9499	******
2727	0.041	1.45	2.51	1.73	0.000	0.399	0.976	0.978	0.9481	0.9481	0.9482	0.9482	0.9516	******

RUN 61

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 03:24:10.770 FAC 8X6X1 PGM C034 RDG 2711

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.928	0.96792	0.52845	0.77612	0.00000
37	14.647	1.0179	0.55572	0.81617	0.00000
47	14.836	1.0310	0.56292	0.82674	0.00000
52	14.936	1.0380	0.56671	0.83231	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.602	1.0147	0.55402	0.81367	0.12500
67	14.292	0.99324	0.54228	0.79643	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.908	0.96653	0.52769	0.77501	0.20900
82	15.465	1.0748	0.58678	0.86179	0.28400
92	16.558	1.1507	0.62825	0.92269	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.432	1.0030	0.54758	0.80421	-1.0000
-112	14.347	0.99705	0.54436	0.79948	-1.0000
-122	14.347	0.99705	0.54436	0.79948	-1.0000
-127	14.342	0.99671	0.54417	0.79921	-1.0000
-137	14.342	0.99671	0.54417	0.79921	-1.0000
-142	14.342	0.99671	0.54417	0.79921	-1.0000

375

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.432	1.0030	0.54758	0.80421	0.00000
112	14.347	0.99705	0.54436	0.79948	0.00000
122	14.347	0.99705	0.54436	0.79948	0.00000
~~127~~	~~14.342~~	~~0.99671~~	~~0.54417~~	~~0.79921~~	~~0.00000~~
~~137~~	~~14.342~~	~~0.99671~~	~~0.54417~~	~~0.79921~~	~~0.00000~~
~~142~~	~~14.342~~	~~0.99671~~	~~0.54417~~	~~0.79921~~	~~0.00000~~
~~152~~	~~14.337~~	~~0.99636~~	~~0.54398~~	~~0.79893~~	~~1.0000~~
~~157~~	~~14.342~~	~~0.99671~~	~~0.54417~~	~~0.79921~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.337	0.99636	0.54398	0.79893	-1.0000
-157	14.342	0.99671	0.54417	0.79921	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.342	0.99671	0.54417	0.79921	0.18900
172	14.342	0.99671	0.54417	0.79921	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.397	1.0035	0.54625	0.80227	0.18900
187	14.407	1.0012	0.54663	0.80282	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	12.660	0.88097	0.41472	0.60116	0.00000
37	14.698	1.0227	0.48146	0.69790	0.00000
47	15.392	1.0502	0.49438	0.71663	0.00000
52	15.292	1.0641	0.52092	0.72611	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.977	1.0422	0.49061	0.71117	0.12500
67	14.253	0.99180	0.46690	0.67680	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.779	0.95880	0.45136	0.65427	0.20900
82	15.841	1.1023	0.51891	0.75219	0.28400
92	17.448	1.2141	0.57156	0.82852	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.343~~	~~0.99806~~	~~0.46984~~	~~0.68107~~	~~-1.0000~~
-112	14.343	0.99806	0.46984	0.68107	-1.0000
-122	14.328	0.99702	0.46935	0.68035	-1.0000
-127	14.253	0.99180	0.46690	0.67680	-1.0000
-137	14.263	0.99250	0.46723	0.67727	-1.0000
-142	14.278	0.99354	0.46772	0.67798	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.343	0.99806	0.46984	0.68107	0.00000
112	14.343	0.99806	0.46984	0.68107	0.00000
122	14.328	0.99702	0.46935	0.68035	0.00000
~~127~~	~~14.253~~	~~0.99180~~	~~0.46690~~	~~0.67680~~	~~0.00000~~
~~137~~	~~14.263~~	~~0.99250~~	~~0.46723~~	~~0.67727~~	~~0.00000~~
~~142~~	~~14.278~~	~~0.99354~~	~~0.46772~~	~~0.67798~~	~~0.00000~~
~~152~~	~~14.273~~	~~0.99319~~	~~0.46755~~	~~0.67775~~	~~-1.0000~~
~~157~~	~~14.278~~	~~0.99354~~	~~0.46772~~	~~0.67798~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.273	0.99319	0.46755	0.67775	-1.0000
-157	14.278	0.99354	0.46772	0.67798	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.273	0.99319	0.46755	0.67775	0.18900
172	14.278	0.99354	0.46772	0.67798	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.328	0.99771	0.46988	0.68083	0.18900
187	14.343	0.99806	0.46984	0.68107	0.24800

>EPTION 6 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.4539	0.44941	0.17818	0.25933	0.00000
37	13.763	0.95834	0.37995	0.55302	0.00000
47	15.708	1.0938	0.43365	0.63117	0.00000
52	15.973	1.1122	0.44097	0.64182	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.658	1.1599	0.45988	0.66935	0.12500
67	14.103	0.98201	0.38934	0.56668	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.637	0.74068	0.29366	0.42742	0.20900
82	21.337	1.4858	0.58907	0.85738	0.28400
92	19.237	1.3396	0.53110	0.77300	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
~~-107~~	~~14.308~~	~~0.99629~~	~~0.39500~~	~~0.57492~~	~~-1.0000~~
-112	14.278	0.99420	0.39417	0.57371	-1.0000
~~-122~~	~~14.268~~	~~0.99350~~	~~0.39390~~	~~0.57331~~	~~-1.0000~~
~~-127~~	~~14.263~~	~~0.99316~~	~~0.39376~~	~~0.57311~~	~~-1.0000~~
~~-137~~	~~14.268~~	~~0.99350~~	~~0.39390~~	~~0.57331~~	~~-1.0000~~
~~-142~~	~~14.263~~	~~0.99316~~	~~0.39376~~	~~0.57311~~	~~-1.0000~~

377

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.308	0.99629	0.39500	0.57492	0.00000
112	14.278	0.99420	0.39417	0.57371	0.00000
122	14.268	0.99350	0.39390	0.57331	0.00000
~~127~~	~~14.263~~	~~0.99316~~	~~0.39376~~	~~0.57311~~	~~0.00000~~
~~137~~	~~14.268~~	~~0.99350~~	~~0.39390~~	~~0.57331~~	~~0.00000~~
~~142~~	~~14.263~~	~~0.99316~~	~~0.39376~~	~~0.57311~~	~~0.00000~~
~~152~~	~~14.258~~	~~0.99281~~	~~0.39362~~	~~0.57291~~	~~1.0000~~
~~157~~	~~14.263~~	~~0.99316~~	~~0.39376~~	~~0.57311~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.258	0.99281	0.39362	0.57291	-1.0000
-157	14.263	0.99316	0.39376	0.57311	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.263	0.99316	0.39376	0.57311	0.18900
172	14.258	0.99281	0.39362	0.57291	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.258	0.99281	0.39362	0.57291	0.18900
187	14.258	0.99281	0.39362	0.57291	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 67

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/02/78 03:27:15.747 FAC 8X6X1 PGM C034 RDG 2714

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9910	0.55664	0.17915	0.26523	0.00000
37	12.140	0.84563	0.27216	0.40292	0.00000
47	15.466	1.0773	0.34674	0.51333	0.00000
52	16.902	1.1773	0.37892	0.56097	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.257	1.4111	0.45416	0.67235	0.12500
67	16.076	1.1199	0.36042	0.53358	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.205	0.85016	0.27362	0.40508	0.20900
82	16.691	1.1627	0.37421	0.55400	0.28400
92	25.074	1.7466	0.56214	0.83221	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTER SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.256	0.99303	0.31960	0.47315	-1.0000
-112	14.161	0.98641	0.31747	0.47000	-1.0000
-122	14.191	0.98850	0.31814	0.47099	-1.0000
-127	14.146	0.98536	0.31713	0.46950	-1.0000
-137	14.196	0.98885	0.31826	0.47116	-1.0000
-142	14.201	0.98920	0.31837	0.47132	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.256	0.99303	0.31960	0.47315	0.00000
112	14.161	0.98641	0.31747	0.47000	0.00000
122	14.191	0.98850	0.31814	0.47099	0.00000
~~127~~	~~14.146~~	~~0.98536~~	~~0.31713~~	~~0.46950~~	~~0.00000~~
~~137~~	~~14.196~~	~~0.98885~~	~~0.31826~~	~~0.47116~~	~~0.00000~~
~~142~~	~~14.201~~	~~0.98920~~	~~0.31837~~	~~0.47132~~	~~0.00000~~
~~152~~	~~14.191~~	~~0.98850~~	~~0.31814~~	~~0.47099~~	~~1.0000~~
~~157~~	~~14.251~~	~~0.98920~~	~~0.31837~~	~~0.47132~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.191	0.98850	0.31814	0.47099	-1.0000
-157	14.201	0.98920	0.31837	0.47132	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.196	0.98885	0.31826	0.47116	0.18900
172	14.191	0.98850	0.31814	0.47099	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.196	0.98885	0.31826	0.47116	0.18900
187	14.196	0.98885	0.31826	0.47116	0.24800

>OPTION 6 , PRESSURES AND TEMPERATURES

RUN 61

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 03:28:33.011 FAC 8X6X1 PGM CJ34 RDG 2715

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.333	0.78973	0.21874	0.31982	0.00000
37	16.646	1.1599	0.32128	0.46974	0.00000
47	12.592	0.87742	0.24303	0.35534	0.00000
52	15.512	1.0810	0.29941	0.43776	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.698	1.7210	0.47673	0.69698	0.12500
67	21.088	1.4695	0.40703	0.59512	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.420	0.93518	0.25903	0.37873	0.20900
82	16.231	1.1311	0.31328	0.45805	0.28400
92	25 901	1.8049	0.49992	0.73093	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.274	0.99468	0.27551	0.40282	-1.0000
-112	14.264	0.99398	0.27532	0.40254	-1.0000
-122	14.259	0.99364	0.27522	0.40240	-1.0000
-127	14.264	0.99398	0.27532	0.40254	-1.0000
-137	14.264	0.99398	0.27532	0.40254	-1.0000
-142	14.264	0.99398	0.27532	0.40254	-1.0000

376

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.274	0.99468	0.27551	0.40282	0.00000
112	14.264	0.99398	0.27532	0.40254	0.00000
122	14.259	0.99364	0.27522	0.40240	0.00000
~~127~~	~~14.264~~	~~0.99398~~	~~0.27532~~	~~0.40254~~	~~0.00000~~
~~137~~	~~14.264~~	~~0.99398~~	~~0.27532~~	~~0.40254~~	~~0.00000~~
~~142~~	~~14.264~~	~~0.99398~~	~~0.27532~~	~~0.40254~~	~~0.00000~~
~~152~~	~~14.269~~	~~0.99433~~	~~0.27541~~	~~0.40268~~	~~-1.0000~~
~~157~~	~~14.264~~	~~0.99398~~	~~0.27532~~	~~0.40254~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.269	0.99433	0.27541	0.40268	-1.0000
-157	14.264	0.99398	0.27532	0.40254	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.264	0.99398	0.27532	0.40254	0.18900
172	14.259	0.99364	0.27522	0.40240	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.264	0.99398	0.27532	0.40254	0.18900
187	14.259	0.99364	0.27522	0.40240	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.525	0.80373	0.19928	0.29205	0.00000
37	20.285	1.4146	0.35073	0.51401	0.00000
47	15.358	1.0710	0.26556	0.38918	0.00000
52	11.995	0.83650	0.20740	0.30395	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.681	1.8606	0.46132	0.67608	0.12500
67	20.615	1.4376	0.35643	0.52237	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.109	0.98393	0.24395	0.35752	0.20900
82	18.266	1.2738	0.31583	0.46286	0.28400
92	13.085	0.91248	0.22624	0.33156	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.164	0.98776	0.24490	0.35891	-1.0000
-112	14.124	0.98497	0.24421	0.35790	-1.0000
-122	14.184	0.98915	0.24525	0.35942	-1.0000
-127	14.129	0.98532	0.24430	0.35803	-1.0000
-137	14.204	0.99055	0.24559	0.35993	-1.0000
-142	14.209	0.99090	0.24568	0.36005	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.164	0.98776	0.24490	0.35891	0.00000
112	14.124	0.98497	0.24421	0.35790	0.00000
122	14.184	0.98915	0.24525	0.35942	0.00000
127	14.129	0.98532	0.24430	0.35803	0.00000
137	14.204	0.99055	0.24559	0.35993	0.00000
142	14.209	0.99090	0.24568	0.36005	0.00000
152	14.204	0.99055	0.24559	0.35993	1.0000
157	14.209	0.99090	0.24568	0.36005	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.204	0.99055	0.24559	0.35993	-1.0000
-157	14.209	0.99090	0.24568	0.36005	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.196	0.99022	0.24551	0.35980	0.18900
172	14.189	0.98973	0.24539	0.35955	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.139	0.98603	0.24447	0.35828	0.17400
187	14.134	0.98567	0.24438	0.35815	0.24800

>OPTICAL 6 , PRESSURES AND TEMPERATURES

RUN 61

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDELL REC 12/02/78 03:30:01.372 FAC 3X6X1 PGM C034 RDG 2717

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.117	0.77531	0.19188	0.28127	0.00000
37	20.415	1.4237	0.35235	0.51650	0.00000
47	15.450	1.0775	0.26666	0.39088	0.00000
52	12.061	0.84111	0.20816	0.30514	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.708	1.8626	0.46097	0.67572	0.12500
67	20.649	1.4401	0.35640	0.52244	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.232	0.99253	0.24564	0.36007	0.20900
82	18.389	1.2824	0.31739	0.46525	0.28400
92	13.214	0.92152	0.22806	0.33431	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.167	0.98801	0.24452	0.35843	-1.0000
-112	14.142	0.98627	0.24409	0.35780	-1.0000
-122	14.162	0.98766	0.24443	0.35831	-1.0000
-127	14.147	0.98662	0.24417	0.35793	-1.0000
-137	14.207	0.99079	0.24521	0.35944	-1.0000
-142	14.207	0.99079	0.24521	0.35944	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.167	0.98801	0.24452	0.35843	0.00000
112	14.142	0.98627	0.24409	0.35780	0.00000
122	14.162	0.98766	0.24443	0.35831	0.00000
127	14.147	0.98662	0.24417	0.35793	0.00000
137	14.207	0.99079	0.24521	0.35944	0.00000
142	14.207	0.99079	0.24521	0.35944	0.00000
152	14.207	0.99079	0.24521	0.35944	1.0000
157	14.207	0.99079	0.24521	0.35944	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.207	0.99079	0.24521	0.35944	-1.0000
-157	14.207	0.99079	0.24521	0.35944	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.207	0.99079	0.24521	0.35944	0.18900
172	14.197	0.99010	0.24503	0.35919	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.142	0.98627	0.24409	0.35780	0.18900
187	14.142	0.98627	0.24409	0.35780	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.310	0.78828	0.21796	0.31845	0.00000
37	16.615	1.1580	0.32020	0.46782	0.00000
47	12.555	0.87508	0.24196	0.35351	0.00000
52	15.520	1.0817	0.29910	0.43700	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.684	1.7204	0.47570	0.69501	0.12500
67	21.029	1.4657	0.40527	0.59211	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.440	0.93677	0.25902	0.37843	0.20900
82	16.860	1.1751	0.32492	0.47472	0.28400
92	25.984	1.8110	0.50075	0.73162	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.215	0.99078	0.27395	0.40025	-1.0000
-112	14.210	0.99044	0.27386	0.40011	-1.0000
-122	14.210	0.99044	0.27386	0.40011	-1.0000
-127	14.175	0.98800	0.27318	0.39913	-1.0000
-137	14.180	0.98834	0.27328	0.39927	-1.0000
-142	14.180	0.98834	0.27328	0.39927	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.215	0.99078	0.27395	0.40025	0.00000
112	14.210	0.99044	0.27386	0.40011	0.00000
122	14.210	0.99044	0.27386	0.40011	0.00000
127	14.175	0.98803	0.27318	0.39913	0.00000
137	14.180	0.98834	0.27328	0.39927	0.00000
142	14.180	0.98834	0.27328	0.39927	0.00000
152	14.180	0.98834	0.27328	0.39927	1.0000
157	14.180	0.98834	0.27328	0.39927	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.180	0.98834	0.27328	0.39927	-1.0000
-157	14.180	0.98834	0.27328	0.39927	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.180	0.98834	0.27328	0.39927	0.18900
172	14.165	0.98730	0.27299	0.39885	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.160	0.98695	0.27289	0.39871	0.18900
187	14.155	0.98660	0.27280	0.39856	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 61

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.272	0.78570	0.21778	0.31857	0.00000
37	16.586	1.1561	0.32045	0.46875	0.00000
47	12.566	0.87588	0.24278	0.35513	0.00000
52	15.637	1.0900	0.30212	0.44194	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	24.606	1.7151	0.47539	0.69539	0.12500
67	20.945	1.4600	0.40467	0.59195	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.490	0.94029	0.26063	0.38125	0.20900
82	16.666	1.1617	0.32199	0.47101	0.28400
92	26.309	1.8338	0.50829	0.74352	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.214	0.99077	0.27462	0.40171	-1.0000
-112	14.209	0.99042	0.27453	0.40157	-1.0000
-122	14.214	0.99077	0.27462	0.40171	-1.0000
-127	14.209	0.99042	0.27453	0.40157	-1.0000
-137	14.219	0.99111	0.27472	0.40185	-1.0000
-142	14.219	0.99111	0.27472	0.40185	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.214	0.99077	0.27462	0.40171	0.00000
112	14.209	0.99042	0.27453	0.40157	0.00000
122	14.214	0.99077	0.27462	0.40171	0.00000
-127	14.209	0.99042	0.27453	0.40157	0.00000
-137	14.219	0.99111	0.27472	0.40185	0.00000
-142	14.219	0.99111	0.27472	0.40185	0.00000
-152	14.219	0.99111	0.27472	0.40185	1.0000
-157	14.214	0.99077	0.27462	0.40171	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.219	0.99111	0.27472	0.40185	-1.0000
-157	14.214	0.99077	0.27462	0.40171	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.214	0.99077	0.27462	0.40171	0.18900
172	14.214	0.99077	0.27462	0.40171	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.199	0.98972	0.27433	0.40129	0.18900
187	14.204	0.99007	0.27443	0.40143	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 61

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.9919	0.55660	0.17883	0.26481	0.00000
37	12.193	0.84852	0.27262	0.40370	0.00000
47	15.383	1.0714	0.34423	0.50973	0.00000
52	16.898	1.1769	0.37812	0.55992	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.292	1.4132	0.45407	0.67238	0.12500
67	16.113	1.1222	0.36056	0.53391	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	12.388	0.86280	0.27721	0.41049	0.20900
82	16.553	1.1528	0.37040	0.54849	0.28400
92	25.146	1.7513	0.56268	0.83322	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.248	0.99234	0.31883	0.47212	-1.0000
-112	14.248	0.99234	0.31883	0.47212	-1.0000
-122	14.253	0.99268	0.31894	0.47229	-1.0000
-127	14.248	0.99234	0.31883	0.47212	-1.0000
-137	14.243	0.99199	0.31872	0.47196	-1.0000
-142	14.253	0.99268	0.31894	0.47229	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.248	0.99234	0.31883	0.47212	0.00000
112	14.248	0.99234	0.31883	0.47212	0.00000
122	14.253	0.99268	0.31894	0.47229	0.00000
127	14.248	0.99234	0.31883	0.47212	0.00000
137	14.243	0.99199	0.31872	0.47196	0.00000
142	14.253	0.99268	0.31894	0.47229	0.00000
152	14.243	0.99199	0.31872	0.47196	1.0000
157	14.248	0.99234	0.31883	0.47212	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.243	0.99199	0.31872	0.47196	-1.0000
-157	14.248	0.99234	0.31883	0.47212	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.248	0.99234	0.31883	0.47212	0.18900
172	14.248	0.99234	0.31883	0.47212	0.24800

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.233	0.99129	0.31859	0.47162	0.18900
187	14.228	0.99094	0.31848	0.47146	0.24800

>OPTIONS , PRESSURES AND TEMPERATURES

RUN 61

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.4523	0.44910	0.17792	0.25962	0.00000
37	13.660	0.95076	0.37666	0.54962	0.00000
47	15.671	1.0907	0.43212	0.63054	0.00000
52	15.941	1.1095	0.43957	0.64141	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.641	1.1583	0.45888	0.66959	0.12500
67	14.095	0.98106	0.38866	0.56714	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.768	0.74946	0.29691	0.43325	0.20900
82	21.553	1.5002	0.59432	0.86723	0.28400
92	19.382	1.3491	0.53446	0.77988	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.250	0.99185	0.39294	0.57338	-1.0000
-112	14.250	0.99185	0.39294	0.57338	-1.0000
-122	14.250	0.99185	0.39294	0.57338	-1.0000
-127	14.250	0.99185	0.39294	0.57338	-1.0000
-137	14.250	0.99185	0.39294	0.57338	-1.0000
-142	14.250	0.99185	0.39294	0.57338	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.250	0.99185	0.39294	0.57338	0.00000
112	14.250	0.99185	0.39294	0.57338	0.00000
122	14.250	0.99185	0.39294	0.57338	0.00000
127	14.250	0.99185	0.39294	0.57338	0.00000
137	14.250	0.99185	0.39294	0.57338	0.00000
142	14.250	0.99185	0.39294	0.57338	0.00000
152	14.250	0.99185	0.39294	0.57338	1.0000
157	14.250	0.99185	0.39294	0.57338	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.250	0.99185	0.39294	0.57338	-1.0000
-157	14.250	0.99185	0.39294	0.57338	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.250	0.99185	0.39294	0.57338	0.18900
172	14.240	0.99116	0.39266	0.57297	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.070	0.97932	0.38797	0.56613	0.18900
187	14.075	0.97967	0.38811	0.56633	0.24800

>OPTION 4 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.518	0.87043	0.41129	0.59657	0.00000
37	14.623	1.2168	0.48046	0.69690	0.00000
47	15.028	1.0450	0.49376	0.71620	0.00000
52	15.233	1.0592	0.50050	0.72597	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.843	1.0321	0.48769	0.70738	0.12500
67	14.123	0.98204	0.46403	0.67307	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.643	0.94866	0.44826	0.65019	0.20900
82	16.928	1.1771	0.55619	0.80674	0.28400
92	17.298	1.2028	0.56834	0.82437	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.288	0.99351	0.46945	0.68093	-1.0000
-112	14.288	0.99351	0.46945	0.68093	-1.0000
-122	14.283	0.99317	0.46929	0.68069	-1.0000
-127	14.273	0.99247	0.46896	0.68022	-1.0000
-137	14.268	0.99212	0.46879	0.67998	-1.0000
-142	14.268	0.99212	0.46879	0.67998	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.288	0.99351	0.46945	0.68093	0.00000
112	14.288	0.99351	0.46945	0.68093	0.00000
122	14.283	0.99317	0.46929	0.68069	0.00000
127	14.273	0.99247	0.46896	0.68022	0.00000
137	14.268	0.99212	0.46879	0.67998	0.00000
142	14.268	0.99212	0.46879	0.67998	0.00000
152	14.268	0.99212	0.46879	0.67998	-1.0000
157	14.268	0.99212	0.46879	0.67998	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.268	0.99212	0.46879	0.67998	-1.0000
-157	14.268	0.99212	0.46879	0.67998	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.268	0.99212	0.46879	0.67998	0.18900
172	14.263	0.99178	0.46863	0.67974	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.138	0.98270	0.46419	0.67321	0.18900
187	14.138	0.98270	0.46419	0.67321	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.820	0.96059	0.52508	0.77371	0.00000
37	14.551	1.0114	0.55283	0.81460	0.00000
47	14.756	1.0256	0.56063	0.82608	0.00000
52	14.866	1.0333	0.56481	0.83224	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	14.465	1.0054	0.54960	0.80984	0.12500
67	14.245	0.99015	0.54124	0.79751	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	13.775	0.95746	0.52337	0.77119	0.20900
82	16.141	1.1219	0.61327	0.90365	0.28400
92	16.331	1.1351	0.62050	0.91429	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.300	0.99397	0.54333	0.80059	-1.0000
-112	14.300	0.99397	0.54333	0.80059	-1.0000
-122	14.300	0.99397	0.54333	0.80059	-1.0000
-127	14.295	0.99362	0.54314	0.80031	-1.0000
-137	14.300	0.99397	0.54333	0.80059	-1.0000
-142	14.295	0.99362	0.54314	0.80031	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.300	0.99397	0.54333	0.80059	0.00000
112	14.300	0.99397	0.54333	0.80059	0.00000
122	14.300	0.99397	0.54333	0.80059	0.00000
127	14.295	0.99362	0.54314	0.80031	0.00000
137	14.300	0.99397	0.54333	0.80059	0.00000
142	14.295	0.99362	0.54314	0.80031	0.00000
152	14.295	0.99362	0.54314	0.80031	-1.0000
157	14.295	0.99362	0.54314	0.80031	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.295	0.99362	0.54314	0.80031	-1.0000
-157	14.295	0.99362	0.54314	0.80031	-1.0000

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.290	0.99328	0.54295	0.80003	0.18900
172	14.290	0.99328	0.54295	0.80003	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.165	0.98459	0.53820	0.79303	0.18900
187	14.165	0.98459	0.53820	0.79303	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.791	0.95822	0.52557	0.77552	0.00000
37	14.517	1.0087	0.55324	0.81635	0.00000
47	14.722	1.0229	0.56106	0.82789	0.00000
52	14.827	1.0302	0.56507	0.83381	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.422	1.0021	0.54961	0.81100	0.12500
67	14.217	0.98779	0.54179	0.79946	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.781	0.95752	0.52519	0.77496	0.20900
82	15.884	1.1036	0.60533	0.89321	0.28400
92	16.264	1.1301	0.61983	0.91461	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.252	0.99023	0.54312	0.80143	-1.0000
-112	14.242	0.98953	0.54274	0.80086	-1.0000
-122	14.247	0.98988	0.54293	0.80115	-1.0000
-127	14.242	0.98953	0.54274	0.80086	-1.0000
-137	14.247	0.98988	0.54293	0.80115	-1.0000
-142	14.242	0.98953	0.54274	0.80086	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.252	0.99023	0.54312	0.80143	0.00000
112	14.242	0.98953	0.54274	0.80086	0.00000
122	14.247	0.98988	0.54293	0.80115	0.00000
-127	14.242	0.98953	0.54274	0.80086	0.00000
-137	14.247	0.98988	0.54293	0.80115	0.00000
-142	14.242	0.98953	0.54274	0.80086	0.00000
-152	14.242	0.98953	0.54274	0.80086	1.0000
-157	14.242	0.98953	0.54274	0.80086	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.242	0.98953	0.54274	0.80086	-1.0000
-157	14.242	0.98953	0.54274	0.80086	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.237	0.98918	0.54255	0.80058	0.18900
172	14.237	0.98918	0.54255	0.80058	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.106	0.98014	0.53759	0.79326	0.18900
187	14.106	0.98014	0.53759	0.79326	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.430	0.86427	0.40841	0.59270	0.00000
37	14.575	1.0134	0.47889	0.69498	0.00000
47	14.971	1.0409	0.49190	0.71386	0.00000
52	15.177	1.0552	0.49865	0.72366	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	14.786	.281	0.48581	0.70502	0.12500
67	14.069	0.97823	0.46226	0.67085	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER C.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.653	0.94930	0.44859	0.65101	0.20900
82	16.415	1.1413	0.53932	0.78268	0.28400
92	17.281	1.2016	0.56789	0.82402	0.37100

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.235	0.98973	0.46769	0.67874	-1.0000
-112	14.210	0.98798	0.46687	0.67754	-1.0000
-122	14.189	0.98659	0.46621	0.67658	-1.0000
-127	14.164	0.98485	0.46539	0.67539	-1.0000
-137	14.179	0.98589	0.46588	0.67611	-1.0000
-142	14.179	0.98589	0.46588	0.67611	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.235	0.98973	0.46769	0.67874	0.00000
112	14.210	0.98798	0.46687	0.67754	0.00000
122	14.189	0.98659	0.46621	0.67658	0.00000
127	14.164	0.98485	0.46539	0.67539	0.00000
137	14.179	0.98589	0.46588	0.67611	0.00000
142	14.179	0.98589	0.46588	0.67611	0.00000
152	14.179	0.98589	0.46588	0.67611	1.0000
157	14.184	0.98624	0.46605	0.67635	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.179	0.98589	0.46588	0.67611	-1.0000
-157	14.184	0.98624	0.46605	0.67635	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SPROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.184	0.98624	0.46605	0.67635	0.18900
172	14.174	0.98554	0.46572	0.67587	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SPROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.114	0.98136	0.46274	0.67339	0.18900
187	14.109	0.98101	0.46358	0.67278	0.24805

>SECTION 6 , PRESSURES AND TEMPERATURES

RUN C1

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDEII REC 12/12/78 03:37:56.104 FAC 8X6X1 PGM CQ34 RDG 2726

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.4490	0.44872	0.17787	0.25846	0.00000
37	13.668	0.95102	0.37699	0.54777	0.00000
47	15.666	1.0900	0.43209	0.62785	0.00000
52	15.936	1.1088	0.43955	0.63868	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.682	1.1608	0.46013	0.66858	0.12500
67	14.094	0.98064	0.38873	0.56483	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.683	0.74332	0.29465	0.42814	0.20900
82	21.629	1.5049	0.59656	0.86682	0.28400
92	19.331	1.3450	0.53318	0.77472	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.204	0.98830	0.39177	0.56925	-1.0000
-112	14.179	0.98656	0.39108	0.56824	-1.0000
-122	14.174	0.98621	0.39094	0.56804	-1.0000
-127	14.154	0.98482	0.39038	0.56724	-1.0000
-137	14.169	0.98586	0.39080	0.56784	-1.0000
-142	14.169	0.98586	0.39080	0.56784	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.204	0.98830	0.39177	0.56925	0.00000
112	14.179	0.98656	0.39108	0.56824	0.00000
122	14.174	0.98621	0.39094	0.56804	0.00000
~~127~~	~~14.154~~	~~0.98482~~	~~0.39038~~	~~0.56724~~	~~0.00000~~
~~137~~	~~14.169~~	~~0.98586~~	~~0.39080~~	~~0.56784~~	~~0.00000~~
~~142~~	~~14.169~~	~~0.98586~~	~~0.39080~~	~~0.56784~~	~~0.00000~~
~~152~~	~~14.169~~	~~0.98586~~	~~0.39080~~	~~0.56784~~	~~1.0000~~
~~157~~	~~14.169~~	~~0.98586~~	~~0.39080~~	~~0.56784~~	~~1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.169	0.98586	0.39080	0.56784	-1.0000
-157	14.169	0.98586	0.39080	0.56784	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.169	0.98586	0.39080	0.56784	0.18900
172	14.164	0.98552	0.39066	0.56764	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.104	0.98133	0.38900	0.56523	0.18900
187	14.094	0.98064	0.38873	0.56483	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

RUN 61

NASA-LEWIS PRELIMINARY DATA 01/05/79 CADDFII REC 12/02/78 03:39:44.104 FAC 8X6X1 PGM C034 RDG 2727

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	6.3277	0.44033	0.17530	0.25466	0.00000
37	13.654	0.95017	0.37828	0.54951	0.00000
47	15.629	1.0876	0.43299	0.62898	0.00000
52	15.890	1.1057	0.44021	0.63947	0.00000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.601	1.1553	0.45993	0.66811	0.12500
67	14.055	0.97808	0.38939	0.56565	0.37100

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.636	0.74015	0.29467	0.42805	0.20900
82	21.658	1.5071	0.60002	0.87162	0.28400
92	19.222	1.3377	0.53254	0.77360	0.37100

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.246	0.99133	0.39467	0.57331	-1.0000
-112	14.241	0.99098	0.39453	0.57311	-1.0000
-122	14.236	0.99064	0.39439	0.57291	-1.0000
-127	14.231	0.99029	0.39425	0.57271	-1.0000
-137	14.226	0.98994	0.39411	0.57251	-1.0000
-142	14.226	0.98994	0.39411	0.57251	-1.0000

391

>ADDITIONAL PRESSUPE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.246	0.99133	0.39467	0.57331	0.00000
112	14.241	0.99098	0.39453	0.57311	0.00000
122	14.236	0.99064	0.39439	0.57291	0.00000
~~127~~	~~14.231~~	~~0.99029~~	~~0.39425~~	~~0.57271~~	~~0.00000~~
~~137~~	~~14.226~~	~~0.98994~~	~~0.39411~~	~~0.57251~~	~~0.00000~~
~~142~~	~~14.226~~	~~0.98994~~	~~0.39411~~	~~0.57251~~	~~0.00000~~
~~152~~	~~14.226~~	~~0.98994~~	~~0.39411~~	~~0.57251~~	~~-1.0000~~
~~157~~	~~14.216~~	~~0.98924~~	~~0.39383~~	~~0.57210~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.226	0.98994	0.39411	0.57251	-1.0000
-157	14.216	0.98924	0.39383	0.57210	-1.0000

>ADDITIONAL PRESSUPE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.216	0.98924	0.39383	0.57210	0.18900
172	14.226	0.98994	0.39411	0.57251	0.24800

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.205	0.98854	0.39356	0.57170	0.18900
187	14.199	0.98759	0.39314	0.57109	0.24800

>OPTION 9 , PRESSURES AND TEMPERATURES

ORIGINAL PAGE IS
OF POOR QUALITY

RUN C3

NASA-LEWIS PRELIMINARY DATA CODE-II FACILITY 9X6X1 PROGRAM C034 PASS 2771 TO 2821
TIME AND DATE PROCESSED 03:31:44 JUN 24 1979

NOZZLE TYPE — P&W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS — SUBSONIC CRUISE
NOZZLE CONFIGURATION — A2
PRIMARY-NOZZLE PLUG — SPLIT PLUG (RETRACTED)
FLOW SPLITTER — CONICAL SPLITTER
FAN NOZZLE — TRIS
CLAMSHELL POSITION
EJECTOR INLET OPENING — EJECTOR SHROUD REMOVED

RUN	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	EDF	EPF	EF1	ETA1	ETA1,INT	EFP1	EFP2	F9
2771	0.951	1.93	3.64	1.88	0.000	0.282	0.953	0.978	0.7251	0.7251	0.7339	0.7339	0.7366	******
2772	0.949	1.97	4.55	2.37	0.000	0.220	0.953	0.977	0.7993	0.7993	0.8055	0.8055	0.8075	******
2773	0.943	1.96	5.42	2.76	0.000	0.188	0.952	0.980	0.8420	0.8420	0.8470	0.8470	0.8487	******
2774	0.947	1.95	6.04	3.10	0.000	0.168	0.953	0.981	0.8675	0.8675	0.8718	0.8718	0.8733	******
2775	0.946	1.97	7.05	3.58	0.000	0.144	0.952	0.982	0.8910	0.8910	0.8946	0.8946	0.8959	******
2776	0.948	1.97	5.29	2.69	0.000	0.193	0.953	0.980	0.8356	0.8356	0.8418	0.8418	0.8465	******
2777	0.892	1.94	3.56	1.83	0.000	0.286	0.953	0.978	0.8031	0.8031	0.8112	0.8112	0.8140	******
2778	0.897	1.97	4.55	2.31	0.000	0.223	0.952	0.977	0.8511	0.8511	0.8588	0.8588	0.8588	******
2779	0.892	1.95	5.31	2.72	0.000	0.192	0.953	0.979	0.8835	0.8835	0.8881	0.8881	0.8898	******
2780	0.891	1.95	6.06	3.11	0.000	0.168	0.954	0.980	0.9054	0.9054	0.9093	0.9093	0.9108	******
2781	0.894	1.97	7.06	3.58	0.000	0.144	0.953	0.981	0.9222	0.9222	0.9255	0.9255	0.9268	******
2782	0.893	1.96	5.28	2.70	0.000	0.192	0.952	0.978	0.8828	0.8828	0.8875	0.8875	0.8892	******
2783	0.796	1.97	3.57	1.82	0.000	0.284	0.952	0.977	0.8741	0.8741	0.8807	0.8807	0.8836	******
2784	0.795	1.95	4.58	2.33	0.000	0.222	0.953	0.978	0.9027	0.9027	0.9073	0.9073	0.9093	******
2785	0.796	1.95	5.33	2.73	0.000	0.191	0.953	0.979	0.9258	0.9258	0.9295	0.9295	0.9312	******
2786	0.795	1.97	6.08	3.08	0.000	0.167	0.954	0.980	0.9406	0.9406	0.9437	0.9437	0.9452	******
2787	0.798	1.97	7.04	3.57	0.000	0.144	0.955	0.983	0.9505	0.9505	0.9531	0.9531	0.9544	******
2788	0.793	1.95	5.32	2.72	0.000	0.191	0.953	0.978	0.9219	0.9219	0.9256	0.9256	0.9273	******
2789	0.696	1.97	3.55	1.80	0.000	0.286	0.952	0.978	0.9112	0.9112	0.9164	0.9164	0.9193	******
2790	0.695	1.95	4.58	2.33	0.000	0.223	0.953	0.978	0.9290	0.9290	0.9328	0.9328	0.9346	******
2791	0.697	1.97	5.31	2.69	0.000	0.191	0.954	0.979	0.9435	0.9435	0.9464	0.9464	0.9481	******
2792	0.697	1.97	6.06	3.07	0.000	0.168	0.955	0.978	0.9561	0.9561	0.9586	0.9586	0.9600	******
2793	0.697	1.96	6.93	3.53	0.000	0.146	0.955	0.982	0.9637	0.9637	0.9658	0.9658	0.9671	******
2794	0.696	1.96	5.31	2.71	0.000	0.191	0.954	0.979	0.9450	0.9450	0.9480	0.9480	0.9497	******
2795	0.598	1.95	3.56	1.82	0.000	0.284	0.953	0.977	0.9351	0.9351	0.9385	0.9385	0.9413	******
2796	0.599	1.97	4.55	2.32	0.000	0.222	0.954	0.978	0.9427	0.9427	0.9451	0.9451	0.9472	******
2797	0.597	1.97	5.32	2.70	0.000	0.190	0.954	0.979	0.9596	0.9596	0.9616	0.9616	0.9633	******
2798	0.599	1.96	5.90	3.01	0.000	0.171	0.955	0.981	0.9667	0.9667	0.9684	0.9684	0.9699	******
2799	0.598	1.97	5.31	2.70	0.000	0.190	0.954	0.979	0.9595	0.9595	0.9614	0.9614	0.9631	******
2800	0.354	1.96	3.57	1.82	0.000	0.281	0.952	0.978	0.9628	0.9628	0.9663	0.9663	0.9671	******
2801	0.353	1.97	4.58	2.33	0.000	0.220	0.954	0.978	0.9606	0.9606	0.9616	0.9616	0.9636	******
2802	0.355	1.97	5.33	2.71	0.000	0.188	0.955	0.978	0.9759	0.9759	0.9767	0.9767	0.9784	******
2803	0.360	1.96	5.92	3.02	0.000	0.170	0.955	0.978	0.9811	0.9811	0.9819	0.9819	0.9834	******
2804	0.357	1.97	5.34	2.71	0.000	0.188	0.954	0.978	0.9756	0.9756	0.9765	0.9765	0.9782	******
2805	0.358	1.97	4.56	2.32	0.000	0.220	0.954	0.975	0.9685	0.9685	0.9696	0.9696	0.9714	******
2806	0.356	1.97	4.56	2.32	0.000	0.220	0.954	0.973	0.9457	0.9457	0.9468	0.9468	0.9488	******
2807	0.329	1.96	3.57	1.82	0.000	0.280	0.951	0.962	0.9722	0.9722	0.9722	0.9722	0.9751	******
2808	0.327	1.96	4.56	2.33	0.000	0.220	0.952	0.967	0.9737	0.9737	0.9737	0.9737	0.9757	******

NASA-LEWIS PRELIMINARY DATA CADDF-II FACILITY 8X6X1 PROGRAM C034 RDGS 2771 TO 2820 RUN 63 CONT.
TIME AND DATE PROCESSED 13:31:46 JUN 28 1979

NOZZLE TYPE — PW EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS — SUBSONIC CRUISE
NOZZLE CONFIGURATION — A2
PRIMARY-NOZZLE PLUG — SPLIT PLUG (RETRACTED)
FLOW SPLITTER — CONICAL SPLITTER
FAN NOZZLE — IRIS
CLAMSHELL POSITION
EJECTOR INLET OPENING — EJECTOR SHROUD REMOVED

RDG	MO	PTF/PTS	TF/PO	PTP/PO	OMEGA	PTS/PTF	COF	COP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2809	0.041	1.97	5.31	2.70	0.000	0.189	0.953	0.962	0.9795	0.9795	0.9795	0.9795	0.9812	******
2810	0.051	1.96	6.07	3.09	0.000	0.165	0.955	0.962	0.9840	0.9840	0.9840	0.9840	0.9855	******
2811	0.052	1.96	6.35	3.24	0.000	0.158	0.955	0.963	0.9832	0.9832	0.9832	0.9832	0.9846	******
2812	0.049	1.98	5.31	2.68	0.000	0.189	0.954	0.962	0.9745	0.9745	0.9746	0.9746	0.9763	******
2813	0.029	1.97	3.55	1.81	0.000	0.282	0.952	0.958	0.9594	0.9594	0.9594	0.9594	0.9622	******
2814	0.031	1.96	4.56	2.33	0.000	0.220	0.953	0.959	0.9594	0.9594	0.9594	0.9594	0.9614	******
2815	0.027	1.96	3.55	1.81	0.000	0.282	0.951	0.957	0.9569	0.9569	0.9569	0.9569	0.9597	******
2816	0.041	1.96	4.55	2.32	0.000	0.220	0.953	0.958	0.9560	0.9560	0.9560	0.9560	0.9580	******
2817	0.050	1.97	5.31	2.69	0.000	0.189	0.954	0.956	0.9750	0.9750	0.9750	0.9750	0.9767	******
2818	0.053	1.96	6.06	3.08	0.000	0.166	0.955	0.956	0.9777	0.9777	0.9777	0.9777	0.9792	******
2819	0.053	1.96	6.36	3.24	0.000	0.157	0.955	0.957	0.9796	0.9796	0.9796	0.9796	0.9810	******
2820	0.041	1.97	5.30	2.69	0.000	0.189	0.954	0.953	0.9720	0.9720	0.9720	0.9720	0.9737	******

ORIGINAL PAGE IS
OF POOR QUALITY

Rev 63

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.9767	1.0636	0.29258	0.56470	0.43400
37	10.316	1.0998	0.30255	0.58393	0.53300
47	9.7419	1.0385	0.28570	0.55141	0.63100
52	9.9318	1.0588	0.29127	0.56215	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	5.9337	0.63255	0.17401	0.33585	0.42200
67	14.622	1.5588	0.42881	0.82762	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	24.648	2.6276	0.72286	1.3951	0.56400
82	16.614	1.7712	0.48724	0.94040	0.63500
92	18.352	1.9564	0.53820	1.0387	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.1533	0.76258	0.20978	0.40489	-1.0000
-112	7.3783	0.78658	0.21638	0.41762	-1.0000
-122	7.6881	0.81959	0.22547	0.43516	-1.0000
-127	9.5470	1.0178	0.27998	0.54038	-1.0000
-137	9.5520	1.0183	0.28013	0.54066	-1.0000
-142	7.8081	0.83237	0.22899	0.44195	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.1533	0.76258	0.20978	0.40489	0.31900
112	7.3783	0.78658	0.21638	0.41762	0.34000
122	7.6881	0.81959	0.22547	0.43516	0.38600
127	9.5470	1.0178	0.27998	0.54038	0.43200
137	9.5520	1.0183	0.28013	0.54066	0.47800
142	7.8091	0.83237	0.22899	0.44195	0.52200
152	7.8181	0.83344	0.22928	0.44251	0.56300
157	7.8431	0.83610	0.23001	0.44393	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.8181	0.83344	0.22928	0.44251	-1.0000
-157	7.8431	0.83610	0.23001	0.44393	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.5670	1.0199	0.28057	0.54151	0.79300
172	8.2778	0.88245	0.24276	0.46854	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.5620	1.0194	0.28042	0.54122	0.79300
187	9.5620	1.0194	0.28042	0.54122	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.633	1.3443	0.28881	0.56780	0.43400
37	10.811	1.1504	0.24717	0.48594	0.53300
47	10.198	1.0851	0.23314	0.45835	0.63100
52	11.360	1.2089	0.25972	0.51061	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.4420	0.79192	0.17014	0.33450	0.42200
67	14.549	1.5481	0.33261	0.65391	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	32.015	3.4068	0.73195	1.4390	0.56400
82	21.352	2.2721	0.48816	0.95972	0.63500
87	18.554	1.9744	0.42419	0.83395	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.1075	0.75632	0.16249	0.31946	-1.0000
-112	7.2873	0.77545	0.16660	0.32754	-1.0000
-122	7.5968	0.80839	0.17368	0.34145	-1.0000
-127	9.5337	1.0145	0.21796	0.42851	-1.0000
-127	9.5387	1.0150	0.21808	0.42874	-1.0000
-142	7.7316	0.82273	0.17676	0.34751	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.1075	0.75632	0.16249	0.31946	0.31900
112	7.2873	0.77545	0.16660	0.32754	0.34000
122	7.5968	0.80839	0.17368	0.34145	0.38600
127	9.5337	1.0145	0.21796	0.42851	0.43200
137	9.5387	1.0150	0.21808	0.42874	0.47800
142	7.7316	0.82273	0.17676	0.34751	0.52200
152	7.7666	0.82645	0.17756	0.34908	0.56300
157	7.8215	0.83229	0.17882	0.35155	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE TRAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.7666	0.82645	0.17756	0.34908	-1.0000
-157	7.8215	0.83229	0.17882	0.35155	-1.0000

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.5637	1.0177	0.21865	0.42986	0.79300
172	8.2608	0.87934	0.18886	0.37130	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.5637	1.0177	0.21865	0.42986	0.79300
187	9.5637	1.0177	0.21865	0.42986	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 02:56:04.788 FAC RX6X1 PGM C034 RDG 2773

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	15.743	1.5975	0.29474	0.57869	0.43300
37	12.819	1.3616	0.25122	0.49324	0.53300
47	11.867	1.2605	0.23257	0.45681	0.63100
52	12.648	1.3434	0.24787	0.48665	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.7641	0.93090	0.17175	0.33721	0.42200
67	14.627	1.5536	0.28665	0.56280	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	37.789	4.0139	0.74057	1.4540	0.56400
82	25.205	2.6772	0.49396	0.96982	0.63500
92	19.158	2.0350	0.37545	0.73715	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	7.1062	0.75480	0.13926	0.27342	-1.0000
-112	7.2775	0.77300	0.14262	0.28002	-1.0000
-122	7.6404	0.81154	0.14973	0.29398	-1.0000
-127	9.6206	1.0219	0.18854	0.37017	-1.0000
-137	9.6206	1.0219	0.18854	0.37017	-1.0000
-142	7.8067	0.82920	0.15299	0.30038	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	7.1062	0.75480	0.13926	0.27342	0.31900
112	7.2775	0.77300	0.14262	0.28002	0.34000
122	7.6404	0.81154	0.14973	0.29398	0.38600
127	9.6206	1.0219	0.18854	0.37017	0.43200
137	9.6206	1.0219	0.18854	0.37017	0.47800
142	7.8067	0.82920	0.15299	0.30038	0.52200
152	7.8067	0.82920	0.15299	0.30038	0.56300
157	7.8671	0.83563	0.15418	0.30270	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	7.8067	0.82920	0.15299	0.30038	-1.0000
-157	7.8671	0.83563	0.15418	0.30270	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	9.6256	1.0224	0.18864	0.37036	0.79300
172	8.3257	0.88433	0.16316	0.32035	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	9.6206	1.0219	0.18854	0.37017	0.79300
187	9.6357	1.0235	0.18883	0.37075	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REF 12/13/79 02:56:44.596 FAC AX6X1 PGM C034 RDG 2774

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.954	1.7967	0.29735	0.57997	0.43400
37	14.264	1.5222	0.25193	0.49138	0.53300
47	13.334	1.4131	0.23387	0.45614	0.63100
52	13.454	1.4258	0.23597	0.46025	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.7734	1.0357	0.17141	0.33433	0.42200
67	14.484	1.5349	0.25404	0.49548	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	41.913	4.4416	0.73510	1.4338	0.56400
82	28.033	2.9707	0.49166	0.95896	0.63500
92	19.519	2.0684	0.34233	0.66769	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.9766	0.73933	0.12236	0.23866	-1.0000
-112	7.1717	0.76001	0.12578	0.24533	-1.0000
-122	7.5370	0.79872	0.13219	0.25783	-1.0000
-127	9.5583	1.0129	0.16764	0.32697	-1.0000
-137	9.5633	1.0134	0.16773	0.32714	-1.0000
-142	7.7022	0.81622	0.13509	0.26348	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.9766	0.73933	0.12236	0.23866	0.31900
112	7.1717	0.76001	0.12578	0.24533	0.34000
122	7.5370	0.79872	0.13219	0.25783	0.38600
127	9.5583	1.0129	0.16764	0.32697	0.43200
137	9.5633	1.0134	0.16773	0.32714	0.47800
142	7.7022	0.81622	0.13509	0.26348	0.52200
152	7.7122	0.81728	0.13526	0.26382	0.56300
157	7.7972	0.82629	0.13675	0.26673	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.7122	0.81728	0.13526	0.26382	-1.0000
-157	7.7972	0.82629	0.13675	0.26673	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.5533	1.0124	0.16755	0.32680	0.79300
172	8.2726	0.87666	0.14509	0.28299	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.5533	1.0124	0.16755	0.32680	0.79300
187	9.5683	1.0140	0.16782	0.32731	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/13/79 02:57:55.613 FAC RX6X1 PGM C034 ADG 2775

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	19.843	2.0997	0.29790	0.58618	0.43400
37	16.675	1.7645	0.25035	0.49261	0.53300
47	15.591	1.6498	0.23407	0.46059	0.63100
52	15.811	1.6730	0.23737	0.46708	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.329	1.1987	0.17008	0.33466	0.42200
67	14.447	1.5287	0.21689	0.42678	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	48.551	5.1374	0.72893	1.4343	0.56400
82	32.747	3.4651	0.49163	0.96739	0.63500
92	20.752	2.1959	0.31155	0.61304	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	6.8840	0.72843	0.10335	0.20336	-1.0000
-112	7.0640	0.74748	0.10605	0.20868	-1.0000
-122	7.4791	0.79140	0.11228	0.22094	-1.0000
-127	9.5591	1.0115	0.14351	0.28239	-1.0000
-137	9.5541	1.0110	0.14344	0.28224	-1.0000
-142	7.6841	0.81310	0.11536	0.22700	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	6.8840	0.72843	0.10335	0.20336	0.31900
112	7.0640	0.74748	0.10605	0.20868	0.34000
122	7.4791	0.79140	0.11228	0.22094	0.38600
127	9.5591	1.0115	0.14351	0.28239	0.43200
137	9.5541	1.0110	0.14344	0.28224	0.47800
142	7.6841	0.81310	0.11536	0.22700	0.52200
152	7.6891	0.81363	0.11544	0.22715	0.56300
157	7.7941	0.82474	0.11701	0.23025	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.6891	0.81363	0.11544	0.22715	-1.0000
-157	7.7941	0.82474	0.11701	0.23025	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.5441	1.0099	0.14329	0.28195	0.79300
172	8.2641	0.87447	0.12407	0.24414	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.5391	1.0094	0.14321	0.28180	0.79300
187	9.5441	1.0099	0.14329	0.28195	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 02:59:40.966 FAC 8X6X1 PGM C034 PDG 277

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.726	1.5611	0.29499	0.57981	0.43400
37	12.567	1.3321	0.25173	0.49478	0.53300
47	11.637	1.2336	0.23310	0.45816	0.63100
52	12.572	1.3327	0.25183	0.49498	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.4961	0.90063	0.17019	0.33451	0.42200
67	14.397	1.5261	0.28839	0.56682	0.64200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	36.083	3.8250	0.72280	1.4207	0.56400
82	24.478	2.5948	0.49033	0.96375	0.63500
92	22.164	2.3495	0.44398	0.87263	0.79200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	7.0703	0.74949	0.14163	0.27837	1.0000
-112	7.2554	0.76911	0.14534	0.28566	-1.0000
-122	7.6306	0.80889	0.15285	0.30043	-1.0000
-127	9.5615	1.0136	0.19153	0.37645	-1.0000
-137	9.5665	1.0141	0.19163	0.37665	-1.0000
-142	7.6807	0.81419	0.15386	0.30240	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	7.0703	0.74949	0.14163	0.27837	0.31900
112	7.2554	0.76911	0.14534	0.28566	0.34000
122	7.6306	0.80889	0.15285	0.30043	0.38600
127	9.5615	1.0136	0.19153	0.37645	0.43200
137	9.5665	1.0141	0.19163	0.37665	0.47800
142	7.6807	0.81419	0.15386	0.30240	0.52200
152	7.7207	0.81843	0.15466	0.30398	0.56300
157	7.8007	0.82692	0.15626	0.30713	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	7.7207	0.81843	0.15466	0.30398	-1.0000
-157	7.8007	0.82692	0.15626	0.30713	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	9.5815	1.0157	0.19193	0.37724	0.79300
172	8.2860	0.87836	0.16598	0.32624	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	9.5965	1.0173	0.19223	0.37783	0.79300
187	9.6015	1.0178	0.19233	0.37803	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:05:43.033 FAC RX6X1 PGM C034 RDG 2777

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.592	1.0479	0.29440	0.57157	0.43400
37	11.432	1.1311	0.31775	0.61691	0.53300
47	10.997	1.0880	0.30566	0.59343	0.63100
52	11.427	1.1306	0.31761	0.61664	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	6.2342	0.61680	0.17328	0.33642	0.42200
67	14.327	1.4175	0.39822	0.77314	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	25.785	2.5511	0.71669	1.3914	0.56400
82	17.577	1.7390	0.48854	0.94850	0.63500
92	23.670	2.3419	0.65791	1.2773	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.4508	0.83611	0.23684	0.45604	-1.0000
-112	8.6209	0.85294	0.23962	0.46522	-1.0000
-122	8.7760	0.86828	0.24393	0.47359	-1.0000
-127	10.257	1.0148	0.28508	0.55349	-1.0000
-137	10.262	1.0153	0.28522	0.55376	-1.0000
-142	8.9461	0.88511	0.24866	0.48276	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.4508	0.83611	0.23489	0.45604	0.31900
112	8.6209	0.85294	0.23962	0.46527	0.34000
122	8.7760	0.86828	0.24393	0.47359	0.38600
127	10.257	1.0148	0.28508	0.55349	0.43200
137	10.262	1.0153	0.28522	0.55376	0.47800
142	8.9461	0.88511	0.24866	0.48276	0.52200
152	9.0161	0.89204	0.25060	0.48654	0.56300
157	9.0912	0.89946	0.25269	0.49059	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	9.0161	0.89204	0.25060	0.48654	-1.0000
-157	9.0912	0.89946	0.25269	0.49059	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.267	1.0158	0.28536	0.55403	0.79300
172	8.8160	0.87224	0.24504	0.47575	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.267	1.0158	0.28536	0.55403	0.79300
187	10.257	1.0148	0.28508	0.55349	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	13.655	1.3486	0.29637	0.58355	0.43400
37	11.506	1.1363	0.24973	0.49171	0.53300
47	11.941	1.1793	0.25916	0.51029	0.63100
52	12.016	1.1867	0.26079	0.51350	0.72400

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.8363	0.77390	0.17008	0.33488	0.42200
67	14.270	1.4093	0.30971	0.60982	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	33.516	3.3100	0.72744	1.4323	0.56400
82	22.549	2.2269	0.48940	0.96363	0.63500
92	23.908	2.3611	0.51890	1.0217	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3463	0.82427	0.18115	0.35668	-1.0000
-112	8.5914	0.84847	0.18647	0.36715	-1.0000
-122	8.7514	0.86427	0.18994	0.37399	-1.0000
-127	10.241	1.0114	0.22228	0.43766	-1.0000
-137	10.246	1.0119	0.22238	0.43788	-1.0000
-142	8.9164	0.88057	0.19352	0.38104	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3463	0.82427	0.18115	0.35668	0.31900
112	8.5914	0.84847	0.18647	0.36715	0.34000
122	8.7514	0.86427	0.18994	0.37399	0.38600
127	10.241	1.0114	0.22228	0.43766	0.43200
137	10.246	1.0119	0.22238	0.43788	0.47800
142	8.9164	0.88057	0.19352	0.38104	0.52200
152	8.9716	0.88600	0.19471	0.38339	0.56300
157	9.0614	0.89489	0.19667	0.38724	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.9716	0.88600	0.19471	0.38339	-1.0000
-157	9.0614	0.89489	0.19667	0.38724	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.231	1.0104	0.22206	0.43724	0.79300
172	8.8064	0.86971	0.19113	0.37634	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.231	1.0104	0.22206	0.43724	0.79300
187	10.231	1.0104	0.22206	0.43724	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.826	1.5475	0.29535	0.57678	0.43400
37	13.416	1.3297	0.25053	0.48934	0.53300
47	12.633	1.2520	0.23590	0.46069	0.63100
52	13.940	1.3816	0.26031	0.50837	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.1142	0.90327	0.17019	0.33237	0.42200
67	14.205	1.4078	0.26525	0.51801	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	38.989	3.8641	0.72806	1.4218	0.56400
82	26.228	2.5994	0.48977	0.95647	0.63500
92	24.377	2.4159	0.45523	0.88897	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3553	0.82806	0.15602	0.30470	-1.0000
-112	8.5600	0.84835	0.15984	0.31216	-1.0000
-122	8.7198	0.86419	0.16283	0.31799	-1.0000
-127	10.247	1.0156	0.19135	0.37369	-1.0000
-137	10.247	1.0156	0.19135	0.37369	-1.0000
-142	8.9245	0.88447	0.16665	0.32545	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORWARD INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3553	0.82806	0.15602	0.30470	0.31900
112	8.5600	0.84835	0.15984	0.31216	0.34000
122	8.7198	0.86419	0.16283	0.31799	0.38600
127	10.247	1.0156	0.19135	0.37369	0.43200
137	10.247	1.0156	0.19135	0.37369	0.47800
142	8.9245	0.88447	0.16665	0.32545	0.52200
152	8.9544	0.88744	0.16721	0.32654	0.56300
157	9.0643	0.89833	0.16926	0.33055	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.9544	0.88744	0.16721	0.32654	-1.0000
-157	9.0643	0.89833	0.16926	0.33055	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.237	1.0146	0.19117	0.37333	0.79300
172	8.7997	0.87210	0.16432	0.32090	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	10.237	1.0146	0.19117	0.37333	0.79300
187	10.237	1.0146	0.19117	0.37333	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 04/26/79 CARDFILE REF 12/13/79 03:09:51.093 FAC 8X4X1 PGM C034 PDG 2780

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	18.433	1.8224	0.30073	0.58428	0.43400
37	15.544	1.5367	0.25359	0.49439	0.53300
47	14.629	1.4463	0.23867	0.46529	0.63100
52	14.824	1.4656	0.24185	0.47149	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.504	1.0385	0.17137	0.33409	0.42200
67	14.209	1.4048	0.23182	0.45194	0.64200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	44.739	4.4230	0.72988	1.4230	0.56400
82	30.082	2.9740	0.49077	0.95678	0.63500
92	25.156	2.4871	0.41041	0.80012	0.89200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	8.3033	0.82089	0.13546	0.26409	-1.0000
-112	8.5434	0.84463	0.13938	0.27173	-1.0000
-122	8.6785	0.85799	0.14158	0.27603	-1.0000
-127	10.259	1.0142	0.16737	0.32630	-1.0000
-137	10.264	1.0147	0.16745	0.32646	-1.0000
-142	8.9186	0.88173	0.14550	0.28366	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	8.3033	0.82089	0.13546	0.26409	0.31900
112	8.5434	0.84463	0.13938	0.27173	0.34000
122	8.6785	0.85799	0.14158	0.27603	0.38600
127	10.259	1.0142	0.16737	0.32630	0.43200
137	10.264	1.0147	0.16745	0.32646	0.47800
142	8.9186	0.88173	0.14550	0.28366	0.52200
152	8.9536	0.88519	0.14607	0.28478	0.56300
157	9.0837	0.89805	0.14819	0.28891	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	8.9536	0.88519	0.14607	0.28478	-1.0000
-157	9.0837	0.89805	0.14819	0.28891	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.269	1.0152	0.16753	0.32662	0.79300
172	8.8086	0.87085	0.14371	0.28016	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/FTF	PL/PTP	X/DMAX
182	10.274	1.0157	0.16761	0.32677	0.79300
187	10.269	1.0152	0.16753	0.32662	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:09:54.587 FAC 8X6X1 PGM C034 RDG 2781

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	21.390	2.1225	0.30072	0.59260	0.43400
37	17.955	1.7816	0.25242	0.49742	0.53300
47	16.976	1.6845	0.23866	0.47031	0.63100
52	17.216	1.7083	0.24203	0.47695	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	12.072	1.1979	0.16972	0.33444	0.42200
67	14.190	1.4080	0.19949	0.39311	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	0.68338	0.067809	0.0096074	0.018932	0.56400
82	34.935	3.4664	0.49113	0.96782	0.63500
92	25.224	2.6021	0.36868	0.72652	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	8.2150	0.81514	0.11549	0.22759	-1.0000
-112	8.4299	0.83646	0.11851	0.23354	-1.0000
-122	8.5948	0.85283	0.12083	0.23811	-1.0000
-127	10.196	1.0115	0.14331	0.28241	-1.0000
-137	10.194	1.0115	0.14331	0.28241	-1.0000
-142	8.8196	0.87514	0.12399	0.24434	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	8.2150	0.81514	0.11549	0.22759	0.31900
112	8.4299	0.83646	0.11851	0.23354	0.34000
122	8.5948	0.85283	0.12083	0.23811	0.38600
127	10.194	1.0115	0.14331	0.28241	0.43200
137	10.194	1.0115	0.14331	0.28241	0.47800
142	8.8196	0.87514	0.12399	0.24434	0.52200
152	8.8946	0.88258	0.12505	0.24642	0.56300
157	9.0245	0.89547	0.12687	0.25001	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	8.8946	0.88258	0.12505	0.24642	-1.0000
-157	9.0245	0.89547	0.12687	0.25001	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.204	1.0125	0.14345	0.28268	0.79300
172	8.7647	0.86969	0.12322	0.24282	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	10.199	1.0120	0.14338	0.28254	0.79300
187	10.199	1.0120	0.14338	0.28254	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFCI REC 12/13/79 03:10:42.160 FAC 8X6X1 PGM C03A RDG 2782

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	15.841	1.5695	0.29716	0.58104	0.43400
37	13.493	1.3279	0.25142	0.49160	0.53300
47	12.573	1.2457	0.23585	0.46117	0.63100
52	13.908	1.3779	0.26089	0.51011	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.1189	0.90347	0.17106	0.33447	0.42200
67	14.162	1.4032	0.26567	0.51946	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	38.424	3.8069	0.72078	1.4093	0.56400
82	26.129	2.5888	0.49015	0.95839	0.63500
92	26.874	2.6626	0.50417	0.98570	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SURFACE

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	8.3489	0.82718	0.15661	0.30622	-1.0000
-112	8.5039	0.84254	0.15952	0.31191	-1.0000
-122	8.6889	0.86087	0.16299	0.31870	-1.0000
-127	10.224	1.0129	0.19178	0.37500	-1.0000
-137	10.219	1.0125	0.19169	0.37481	-1.0000
-142	8.8389	0.87573	0.16581	0.32420	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	8.3489	0.82718	0.15661	0.30622	0.31900
112	8.5039	0.84254	0.15952	0.31191	0.34000
122	8.6889	0.86087	0.16299	0.31870	0.38600
127	10.224	1.0129	0.19178	0.37500	0.43200
137	10.219	1.0125	0.19169	0.37481	0.47800
147	8.8389	0.87573	0.16581	0.32420	0.52200
152	8.9039	0.88217	0.16702	0.32658	0.56300
157	9.0289	0.89456	0.16937	0.33117	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PIAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	8.9039	0.88217	0.16702	0.32658	-1.0000
-157	9.0289	0.89456	0.16937	0.33117	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	10.214	1.0120	0.19160	0.37463	0.79300
172	8.7839	0.87028	0.16477	0.32218	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	10.239	1.0115	0.19150	0.37445	0.79300
187	10.209	1.0115	0.19150	0.37445	0.84400

>ENTICE 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.157	1.0628	0.29775	0.58537	0.43400
37	13.231	1.1566	0.32405	0.63707	0.53300
47	13.051	1.1409	0.31964	0.62841	0.63100
52	13.835	1.2094	0.33884	0.66616	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	7.0019	0.61209	0.17149	0.33714	0.42700
67	14.124	1.2348	0.34594	0.68010	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	29.447	2.5743	0.72122	1.4179	0.58400
82	19.940	1.7432	0.48838	0.96015	0.63500
92	27.804	2.4306	0.68097	1.3388	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.7897	0.85581	0.23977	0.47138	-1.0000
-112	10.084	0.88157	0.24699	0.48557	-1.0000
-122	10.519	0.91956	0.25763	0.50649	-1.0000
-127	11.563	1.0108	0.28320	0.55676	-1.0000
-137	11.568	1.0113	0.28332	0.55709	-1.0000
-142	10.804	0.94445	0.26460	0.52020	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.7897	0.85581	0.23977	0.47138	0.31900
112	10.084	0.88157	0.24699	0.48557	0.34000
122	10.519	0.91956	0.25763	0.50649	0.38600
127	11.563	1.0108	0.28320	0.55676	0.43200
137	11.568	1.0113	0.28332	0.55700	0.47800
142	10.804	0.94445	0.26460	0.52020	0.52200
152	10.824	0.94620	0.26509	0.52116	0.56300
157	10.879	0.95100	0.26644	0.52381	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.824	0.94620	0.26509	0.52116	-1.0000
-157	10.879	0.95100	0.26644	0.52381	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.568	1.0113	0.28332	0.55700	0.79300
172	10.134	0.88507	0.24797	0.48749	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.568	1.0113	0.28332	0.55700	0.79300
187	11.568	1.0104	0.28307	0.55651	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

R.L. 32

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII PEC 12/13/79 03:16:26.834 FAC 8X6X1 PGM C034 RDG 2784

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.695	1.3718	0.29455	0.58757	0.43400
37	13.215	1.1551	0.25221	0.49472	0.53300
47	13.424	1.2083	0.26384	0.51792	0.63100
52	13.894	1.2144	0.26517	0.52013	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	8.9269	0.78026	0.17038	0.33419	0.42200
67	14.098	1.2323	0.26907	0.52779	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	38.191	3.3381	0.72890	1.4297	0.56400
82	25.674	2.2441	0.49001	0.96116	0.63500
92	28.025	2.4496	0.53488	1.0492	0.89200

>ADDITIONAL PRESSURE RATIOS , FJSPLTR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.7407	0.85140	0.18591	0.36466	-1.0000
-112	9.9504	0.86972	0.18991	0.37251	-1.0000
-122	10.485	0.91642	0.20011	0.39251	-1.0000
-127	11.573	1.0115	0.22087	0.43325	-1.0000
-137	11.578	1.0120	0.22097	0.43344	-1.0000
-142	10.794	0.94347	0.20601	0.40410	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.7407	0.85140	0.18591	0.36466	0.31900
112	9.9504	0.86972	0.18991	0.37251	0.34000
122	10.485	0.91642	0.20011	0.39251	0.38600
127	11.573	1.0115	0.22087	0.43325	0.43200
137	11.578	1.0120	0.22097	0.43344	0.47800
142	10.794	0.94347	0.20601	0.40410	0.52200
152	10.834	0.94696	0.20677	0.40559	0.56300
157	10.889	0.95176	0.20782	0.40765	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE TIP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.834	0.94696	0.20677	0.40559	-1.0000
-157	10.889	0.95176	0.20782	0.40765	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.593	1.0133	0.22126	0.43400	0.79300
172	10.130	0.88543	0.19334	0.37924	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.598	1.0137	0.22135	0.43418	0.79...
187	11.583	1.0124	0.22106	0.43362	0.8446...

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	18.246	1.5954	0.29911	0.58442	0.43400
37	15.429	1.3491	0.25293	0.49419	0.53300
47	14.636	1.2797	0.23993	0.46880	0.63100
52	16.347	1.4293	0.26797	0.52358	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	10.427	0.91186	0.17093	0.33396	0.42200
67	14.073	1.2305	0.23069	0.45075	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	44.480	3.8894	0.72884	1.4240	0.56400
82	29.906	2.6148	0.49024	0.95787	0.63500
92	28.629	2.5031	0.46931	0.91696	0.69200

>ADDITIONAL PRESSURE RATIOS , PROJECTED SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	9.6635	0.84492	0.15841	0.30952	-1.0000
-112	9.8730	0.86325	0.16185	0.31623	-1.0000
-122	10.457	0.91428	0.17142	0.33492	-1.0000
-127	11.569	1.0115	0.18965	0.37055	-1.0000
-137	11.569	1.0115	0.18965	0.37055	-1.0000
-142	10.771	0.94176	0.17657	0.34499	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	9.6635	0.84492	0.15841	0.30952	0.31900
112	9.8730	0.86325	0.16185	0.31623	0.34000
122	10.457	0.91428	0.17142	0.33492	0.38600
127	11.569	1.0115	0.18965	0.37055	0.43200
137	11.569	1.0115	0.18965	0.37055	0.47800
142	10.771	0.94176	0.17657	0.34499	0.52200
152	10.821	0.94612	0.17739	0.34659	0.56300
157	10.881	0.95136	0.17837	0.34850	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	10.821	0.94612	0.17739	0.34659	-1.0000
-157	10.881	0.95136	0.17837	0.34850	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	11.574	1.0120	0.18973	0.37071	0.79300
172	10.127	0.88549	0.16602	0.32438	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	11.579	1.0124	0.18982	0.37087	0.79300
187	11.569	1.0115	0.18965	0.37055	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/13/79 03:18:31.796 FAC 8X6X1 PGM C034 RDG 2786

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	20.755	1.8133	0.29839	0.58855	0.43400
37	17.451	1.5246	0.25088	0.49484	0.53300
47	16.594	1.4497	0.23856	0.47054	0.63100
52	17.845	1.5590	0.25654	0.50601	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.783	1.0295	0.16940	0.33412	0.42200
67	14.072	1.2294	0.20230	0.39901	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	0.10999	0.0096094	0.0015812	0.0031189	0.56400
82	34.144	2.9831	0.49086	0.96820	0.63500
92	29.400	2.5686	0.42266	0.83386	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.6389	0.84212	0.13857	0.27332	-1.0000
-112	9.8433	0.85998	0.14151	0.27912	-1.0000
-122	10.437	0.91183	0.15004	0.29595	-1.0000
-127	11.574	1.0112	0.16639	0.32819	-1.0000
-137	11.569	1.0107	0.16631	0.32805	-1.0000
-142	10.781	0.94189	0.15499	0.30570	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.6389	0.84212	0.13857	0.27332	0.31900
112	9.8433	0.85998	0.14151	0.27912	0.34000
122	10.437	0.91183	0.15004	0.29595	0.38600
127	11.574	1.0112	0.16639	0.32819	0.43200
137	11.569	1.0107	0.16631	0.32805	0.47800
142	10.781	0.94189	0.15499	0.30570	0.52200
152	10.831	0.94625	0.15571	0.30712	0.56300
157	10.891	0.95148	0.15657	0.30882	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.831	0.94625	0.15571	0.30712	-1.0000
-157	10.891	0.95148	0.15657	0.30882	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.574	1.0112	0.16639	0.32819	0.79300
172	10.118	0.88395	0.14545	0.28690	0.84400

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.569	1.0107	0.16631	0.32805	0.79300
187	11.564	1.0103	0.16624	0.32790	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

Run 62

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:19:17.731 FAC 8X6X1 PGM C034 RDG 2787

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	24.392	2.1317	0.30274	0.55739	0.43400
37	20.435	1.7858	0.25363	0.50048	0.53300
47	19.456	1.7003	0.24148	0.47645	0.63100
52	19.956	1.7439	0.24768	0.48873	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.740	1.2008	0.17054	0.33651	0.42200
67	14.120	1.2340	0.17525	0.34581	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	6.2013	0.54193	0.076967	0.15187	0.56400
82	39.577	3.4586	0.49121	0.96927	0.63500
92	30.369	2.6532	0.37681	0.74354	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.6018	0.83910	0.11917	0.23515	-1.0000
-112	9.7967	0.85614	0.12159	0.23993	-1.0000
-122	10.387	0.90769	0.12891	0.25438	-1.0000
-127	11.576	1.0117	0.14368	0.28351	-1.0000
-137	11.571	1.0112	0.14362	0.28339	-1.0000
-142	10.757	0.94002	0.13350	0.26344	-1.0000

>ADDITIONAL PRESSURE RATIOS , FIREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.6018	0.83910	0.11917	0.23515	0.31900
112	9.7967	0.85614	0.12159	0.23993	0.34000
122	10.387	0.90769	0.12891	0.25438	0.38600
127	11.576	1.0117	0.14358	0.28351	0.43200
137	11.571	1.0112	0.14362	0.28339	0.47800
142	10.757	0.94002	0.13350	0.26344	0.52200
152	10.842	0.94744	0.13456	0.26552	0.56300
157	10.906	0.95312	0.13537	0.26711	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.842	0.94744	0.13456	0.26552	-1.0000
-157	10.906	0.95312	0.13537	0.26711	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.571	1.0112	0.14362	0.28339	0.79300
172	10.117	0.88410	0.12556	0.24776	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.571	1.0112	0.14362	0.28339	0.79300
187	11.571	1.0112	0.14362	0.28339	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:20:10.446 FAC 8X6X1 PGM C034 RDG 2788

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	18.253	1.5902	0.29912	0.58409	0.43400
37	15.418	1.3430	0.25262	0.49329	0.53300
47	14.647	1.2760	0.24003	0.46872	0.63100
52	16.380	1.4277	0.26855	0.52441	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.442	0.90970	0.17112	0.33415	0.42200
67	14.079	1.2265	0.23071	0.45052	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	43.834	3.8223	0.71899	1.4040	0.56400
82	29.943	2.6086	0.49070	0.95820	0.63500
92	31.091	2.7086	0.50951	0.99493	0.69200

>ADDITIONAL PRESSURE RATIOS , DUCTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.6736	0.84276	0.15853	0.30956	-1.0000
-112	9.8932	0.86189	0.16213	0.31659	-1.0000
-122	10.477	0.91275	0.17169	0.33527	-1.0000
-127	11.590	1.0097	0.18992	0.37087	-1.0000
-137	11.585	1.0092	0.18984	0.37071	-1.0000
-142	10.801	0.94100	0.17701	0.34565	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.6736	0.84276	0.15853	0.30956	0.31900
112	9.8932	0.86189	0.16213	0.31659	0.34000
122	10.477	0.91275	0.17169	0.33527	0.38600
127	11.590	1.0097	0.18992	0.37087	0.43200
137	11.585	1.0092	0.18984	0.37071	0.47800
142	10.801	0.94100	0.17701	0.34565	0.52200
152	10.836	0.94404	0.17758	0.34676	0.56300
157	10.901	0.94969	0.17864	0.34884	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.836	0.94404	0.17758	0.34676	-1.0000
-157	10.901	0.94969	0.17864	0.34884	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	11.590	1.0097	0.18992	0.37087	0.79300
172	10.133	0.88275	0.16605	0.32425	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.599	1.0105	0.19009	0.37119	0.79300
187	11.594	1.0101	0.19001	0.37103	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.653	1.0595	0.[illegible]857	0.58908	0.43400
37	14.865	1.1536	0.[illegible]2507	0.64135	0.53300
47	14.830	1.1509	0.32431	0.63984	0.63100
52	15.962	1.2387	0.34906	0.68869	0.72500

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	7.8104	0.60612	0.17080	0.33698	0.42200
67	14.217	1.1033	0.31089	0.61338	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	32.957	2.5576	0.72070	1.4219	0.56400
82	22.365	1.7356	0.48908	0.96495	0.63500
92	35.718	2.7719	0.78109	1.5411	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	11.333	0.87951	0.24784	0.48898	-1.0000
-112	11.493	0.89190	0.25133	0.49587	-1.0000
-122	12.162	0.94378	0.26595	0.52471	-1.0000
-127	13.005	1.0092	0.28439	0.56108	-1.0000
-137	13.005	1.0092	0.28439	0.56108	-1.0000
-142	12.381	0.96081	0.27075	0.53418	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	11.333	0.87951	0.24784	0.48898	0.31900
112	11.493	0.89190	0.25133	0.49587	0.34000
122	12.162	0.94378	0.26595	0.52471	0.38600
127	13.005	1.0092	0.28439	0.56108	0.43200
137	13.005	1.0092	0.28439	0.56108	0.47800
142	12.381	0.96081	0.27075	0.53418	0.52200
152	12.406	0.96275	0.27130	0.53526	0.56300
157	12.466	0.96739	0.27260	0.53784	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	12.406	0.96275	0.27130	0.53526	-1.0000
-157	12.466	0.96739	0.27260	0.53784	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.005	1.0092	0.28439	0.56108	0.79300
172	11.738	0.91087	0.25668	0.50642	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.010	1.0096	0.28449	0.56130	0.79300
187	12.995	1.0084	0.28417	0.56065	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.668	1.3930	0.30553	0.59711	0.43400
37	15.332	1.1887	0.26072	0.50953	0.53300
47	15.647	1.2139	0.26606	0.51998	0.63100
52	16.256	1.2603	0.27642	0.54022	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	10.065	0.78029	0.17115	0.33448	0.42200
67	14.219	1.1024	0.24179	0.47253	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	42.846	3.3217	0.72857	1.4239	0.56400
82	28.860	2.2374	0.49075	0.95909	0.63500
92	35.780	2.7739	0.60843	1.1891	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.358	0.88056	0.19314	0.37746	-1.0000
-112	11.488	0.89063	0.19535	0.38177	-1.0000
-122	12.162	0.94289	0.20681	0.40418	-1.0000
-127	13.026	1.0099	0.22150	0.43288	-1.0000
-137	13.036	1.0106	0.22167	0.43321	-1.0000
-142	12.382	0.95992	0.21055	0.41148	-1.0000

>ADDITIONAL PRESSURE RATIOS , SURFBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.358	0.88056	0.19314	0.37746	0.31900
112	11.488	0.89063	0.19535	0.38177	0.34000
122	12.162	0.94289	0.20681	0.40418	0.38600
127	13.026	1.0099	0.22150	0.43288	0.43200
137	13.036	1.0106	0.22167	0.43321	0.47800
142	12.382	0.95992	0.21055	0.41148	0.52200
152	12.427	0.96340	0.21131	0.41297	0.55300
157	12.477	0.96727	0.21216	0.41463	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	12.427	0.96340	0.21131	0.41297	-1.0000
-157	12.477	0.96727	0.21216	0.41463	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.041	1.0110	0.22175	0.43338	0.79300
172	11.748	0.91076	0.19976	0.39040	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.041	1.0110	0.22175	0.43338	0.79300
187	13.036	1.0106	0.22167	0.43321	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/13/79 03:28:56.769 FAC 8X6X1 PGM C034 RDG 2791

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.598	1.5995	0.33123	0.59391	0.43400
37	17.556	1.3633	0.25675	0.50621	0.53300
47	16.619	1.2905	0.24304	0.47918	0.63100
52	18.838	1.4628	0.27549	0.54316	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.602	0.90092	0.16967	0.33452	0.42200
67	14.205	1.1031	0.20774	0.40959	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	49.335	3.8311	0.72149	1.4225	0.58400
82	33.533	2.6040	0.49039	0.96687	0.63500
92	35.995	2.7952	0.52639	1.0378	0.69200

>ADDITIONAL PRESSURE RATIOS , EXCITER SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	11.312	0.87846	0.16543	0.32617	-1.0000
-112	11.457	0.88969	0.16755	0.33034	-1.0000
-122	12.110	0.94043	0.17711	0.34919	-1.0000
-127	13.008	1.0102	0.19024	0.37507	-1.0000
-137	13.008	1.0102	0.19024	0.37507	-1.0000
-142	12.305	0.95554	0.17995	0.35479	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	11.312	0.87846	0.16543	0.32617	0.31900
112	11.457	0.88969	0.16755	0.33034	0.34000
122	12.110	0.94043	0.17711	0.34919	0.38600
127	13.008	1.0102	0.19024	0.37507	0.43200
137	13.008	1.0102	0.19024	0.37507	0.47800
142	12.305	0.95554	0.17995	0.35479	0.52200
152	12.385	0.96174	0.18112	0.35710	0.56300
157	12.485	0.96948	0.18258	0.35997	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	12.385	0.96174	0.18112	0.35710	-1.0000
-157	12.485	0.96948	0.18258	0.35997	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.003	1.0098	0.19016	0.37493	0.79300
172	11.711	0.90945	0.17127	0.33768	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.008	1.0102	0.19024	0.37507	0.79300
187	12.993	1.0090	0.19002	0.37464	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	23.621	1.8325	0.30223	0.59689	0.43400
37	20.083	1.5580	0.25696	0.50750	0.53300
47	18.050	1.4779	0.24375	0.48140	0.63100
52	21.036	1.6320	0.26916	0.53158	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.272	1.0296	0.16981	0.33537	0.42200
67	14.240	1.1047	0.18220	0.35984	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	4.8527	0.37647	0.062090	0.12263	0.56400
82	38.389	2.9782	0.49119	0.97009	0.63500
92	36.574	2.8374	0.46797	0.92422	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	11.285	0.87550	0.14439	0.28517	-1.0000
-112	11.415	0.88557	0.14605	0.28845	-1.0000
-122	12.109	0.93940	0.15493	0.30599	-1.0000
-127	13.027	1.0106	0.16668	0.32920	-1.0000
-137	13.032	1.0110	0.16675	0.32932	-1.0000
-142	12.339	0.95721	0.15787	0.31179	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	11.285	0.87550	0.14439	0.28517	0.31900
112	11.415	0.88557	0.14605	0.28845	0.34000
122	12.109	0.93940	0.15493	0.30599	0.38600
127	13.027	1.0106	0.16668	0.32920	0.43200
137	13.032	1.0110	0.16675	0.32932	0.47800
142	12.339	0.95721	0.15787	0.31179	0.52200
152	12.428	0.96418	0.15902	0.31406	0.56300
157	12.513	0.97077	0.16010	0.31620	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	12.428	0.96418	0.15902	0.31406	-1.0000
-157	12.513	0.97077	0.16010	0.31620	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	13.032	1.0110	0.16675	0.32932	0.79300
172	11.725	0.90958	0.15001	0.29627	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.032	1.0110	0.16675	0.32932	0.79300
187	13.022	1.0103	0.16662	0.32907	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/13/79 02:31:33.145 FAC AX6X1 PGM C034 PDG 2793

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	27.403	2.1243	0.30665	0.60209	0.43400
37	23.165	1.7957	0.25922	0.50847	0.53300
47	22.126	1.7153	0.24760	0.48616	0.63100
52	23.224	1.8004	0.25989	0.51029	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	15.364	1.1910	0.17192	0.33757	0.42200
67	14.325	1.1105	0.16030	0.31475	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	10.646	0.82525	0.11913	0.23390	0.56400
82	43.873	3.4010	0.49095	0.96397	0.63500
92	39.066	3.0284	0.43717	0.85837	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	11.225	0.87016	0.12561	0.24663	-1.0000
-112	11.335	0.87867	0.12684	0.24905	-1.0000
-122	12.089	0.93712	0.13528	0.26561	-1.0000
-127	13.027	1.0099	0.14578	0.28623	-1.0000
-137	13.027	1.0099	0.14578	0.28623	-1.0000
-142	12.358	0.95802	0.13829	0.27154	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	11.225	0.87016	0.12561	0.24663	0.31900
112	11.335	0.87867	0.12684	0.24905	0.34000
122	12.089	0.93712	0.13528	0.26561	0.38600
127	13.027	1.0099	0.14578	0.28623	0.43200
137	13.027	1.0099	0.14578	0.28623	0.47800
142	12.358	0.95802	0.13829	0.27154	0.52200
152	12.439	0.96421	0.13919	0.27329	0.56300
157	12.548	0.97273	0.14042	0.27570	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	12.438	0.96421	0.13919	0.27329	-1.0000
-157	12.548	0.97273	0.14042	0.27570	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	13.022	1.0095	0.14572	0.28612	0.79300
172	11.714	0.90809	0.13109	0.25738	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	13.022	1.0095	0.14572	0.28612	0.79300
187	13.007	1.0083	0.14556	0.28580	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	20.707	1.6021	0.30194	0.59043	0.43400
37	17.760	1.3741	0.25897	0.50640	0.53300
47	16.746	1.2957	0.24419	0.47748	0.63100
52	18.948	1.4661	0.27631	0.54029	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.710	0.90603	0.17075	0.33389	0.42200
67	14.368	1.1117	0.20951	0.40968	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	48.284	3.7359	0.70407	1.3768	0.58400
82	33.694	2.6070	0.49133	0.96075	0.63500
92	40.370	3.1236	0.58868	1.1511	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	11.340	0.87742	0.16536	0.32335	-1.0000
-112	11.485	0.88863	0.16747	0.32748	-1.0000
-122	12.195	0.94353	0.17782	0.34771	-1.0000
-127	13.084	1.0123	0.19079	0.37307	-1.0000
-137	13.084	1.0123	0.19079	0.37307	-1.0000
-142	12.399	0.95938	0.18081	0.35356	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	11.340	0.87742	0.16536	0.32335	0.31900
112	11.485	0.88863	0.16747	0.32748	0.34000
122	12.195	0.94353	0.17782	0.34771	0.38600
127	13.084	1.0123	0.19079	0.37307	0.43200
137	13.084	1.0123	0.19079	0.37307	0.47800
142	12.399	0.95938	0.18081	0.35356	0.52200
152	12.459	0.96402	0.18168	0.35527	0.56300
157	12.539	0.97021	0.18285	0.35754	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	12.459	0.96402	0.18168	0.35527	-1.0000
-157	12.539	0.97021	0.18285	0.35754	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	13.079	1.0120	0.19072	0.37293	0.79300
172	11.790	0.91222	0.17192	0.33617	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.069	1.0112	0.19057	0.37265	0.79300
187	13.064	1.0108	0.19050	0.37250	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/13/79 03:40:18.915 FAC 8X6X1 PGM C034 RDG 2795

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.304	1.0834	0.30408	0.59430	0.43400
37	17.593	1.1691	0.32810	0.64126	0.53300
47	17.333	1.1518	0.32326	0.63180	0.63100
52	18.552	1.2328	0.34599	0.67621	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	9.2310	0.61341	0.17216	0.33648	0.42200
67	14.541	0.96629	0.27120	0.53004	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	38.976	2.5900	0.72690	1.4207	0.56400
82	26.297	1.7475	0.49044	0.95854	0.63500
92	40.573	2.6961	0.75668	1.4789	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.787	0.91617	0.25713	0.50255	-1.0000
-112	13.807	0.91750	0.25750	0.50328	-1.0000
-122	14.467	0.96131	0.26980	0.52731	-1.0000
-127	15.171	1.0081	0.28293	0.55298	-1.0000
-137	15.171	1.0081	0.28293	0.55298	-1.0000
-142	14.736	0.97923	0.27483	0.53714	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERCOW INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.787	0.91617	0.25713	0.50255	0.31900
112	13.807	0.91750	0.25750	0.50328	0.34000
122	14.467	0.96131	0.26980	0.52731	0.38600
127	15.171	1.0081	0.28293	0.55298	0.43200
137	15.171	1.0081	0.28293	0.55298	0.47800
142	14.736	0.97923	0.27483	0.53714	0.52200
152	14.766	0.98122	0.27539	0.53823	0.56300
157	14.821	0.98487	0.27641	0.54024	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAT

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.766	0.98122	0.27539	0.53823	-1.0000
-157	14.821	0.98487	0.27641	0.54024	-1.0000

>ADDITIONAL PRESSURE RATIOS , 70 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.166	1.0078	0.28284	0.55280	0.79300
172	14.102	0.93708	0.26300	0.51402	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.171	1.0081	0.28293	0.55298	0.79300
187	15.161	1.0074	0.28275	0.55262	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.649	1.3733	0.30154	0.59261	0.43400
37	17.736	1.1795	0.25900	0.50900	0.53300
47	18.429	1.2256	0.26912	0.52890	0.63100
52	19.043	1.2664	0.27808	0.54651	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.664	0.77570	0.17033	0.33474	0.42200
67	14.543	0.96717	0.21237	0.41737	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	49.706	3.3056	0.72585	1.4265	0.56400
82	33.570	2.2325	0.49022	0.96342	0.63500
92	40.648	2.7032	0.59358	1.1665	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	13.705	0.91143	0.20013	0.39331	-1.0000
-112	13.740	0.91375	0.20064	0.39431	-1.0000
-122	14.398	0.95755	0.21026	0.41322	-1.0000
-127	15.137	1.0067	0.22104	0.43441	-1.0000
-137	15.142	1.0070	0.22112	0.43455	-1.0000
-142	14.728	0.97945	0.21507	0.42267	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	13.705	0.91143	0.20013	0.39331	0.31900
112	13.740	0.91375	0.20064	0.39431	0.34000
122	14.398	0.95755	0.21026	0.41322	0.38600
127	15.137	1.0067	0.22104	0.43441	0.43200
137	15.142	1.0070	0.22112	0.43455	0.47800
142	14.728	0.97945	0.21507	0.42267	0.52200
152	14.793	0.98377	0.21602	0.42453	0.56300
157	14.867	0.98874	0.21711	0.42667	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLRP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.793	0.98377	0.21602	0.42453	-1.0000
-157	14.867	0.98874	0.21711	0.42667	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.137	1.0067	0.22104	0.43441	0.79300
172	14.079	0.93632	0.20560	0.40405	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.137	1.0067	0.22104	0.43441	0.79300
187	15.127	1.0060	0.22090	0.43412	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS
OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	24.338	1.6140	0.30328	0.59714	0.43400
37	20.997	1.3925	0.26165	0.51518	0.53300
47	20.063	1.3306	0.25002	0.49227	0.63100
52	22.605	1.4991	0.28169	0.55463	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.702	0.90869	0.17074	0.33619	0.42200
67	14.611	0.96897	0.18207	0.35849	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	6.2326	0.41333	0.077666	0.15292	0.56400
82	39.438	2.6154	0.49145	0.96764	0.63500
87	41.356	2.7426	0.51535	1.0147	0.69200

>ADDITIONAL PRESSURE RATIOS , FUSELAGE SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	13.682	0.90736	0.17050	0.33570	-1.0000
-112	13.682	0.90736	0.17050	0.33570	-1.0000
-122	14.391	0.95439	0.17933	0.35310	-1.0000
-127	15.170	1.0061	0.18904	0.37221	-1.0000
-137	15.170	1.0061	0.18904	0.37221	-1.0000
-142	14.781	0.98023	0.18419	0.36265	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	13.682	0.90736	0.17050	0.33570	0.31900
112	13.682	0.90736	0.17050	0.33570	0.34000
122	14.391	0.95439	0.17933	0.35310	0.38600
127	15.170	1.0061	0.18904	0.37221	0.43200
137	15.170	1.0061	0.18904	0.37221	0.47800
142	14.781	0.98023	0.18419	0.36265	0.52200
152	14.876	0.98652	0.18537	0.36498	0.56300
157	14.950	0.99149	0.18630	0.36682	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.876	0.98652	0.18537	0.36498	-1.0000
-157	14.950	0.99149	0.18630	0.36682	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.170	1.0061	0.18904	0.37221	0.79300
172	14.106	0.93552	0.17579	0.34611	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.170	1.0061	0.18904	0.37221	0.79300
187	15.155	1.0051	0.18885	0.37184	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

R22 23

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:44:01.287 FAC 8X6X1 PGM C034 RDG 2798

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	27.263	1.8087	0.30647	0.60140	0.43400
37	23.496	1.5588	0.26412	0.51829	0.53300
47	22.613	1.5002	0.25420	0.49881	0.63100
52	25.038	1.6611	0.28145	0.55230	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	15.284	1.0140	0.17181	0.33715	0.42200
67	14.685	0.97427	0.16508	0.32394	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	10.838	0.71900	0.12183	0.23907	0.56400
82	43.685	2.8982	0.49108	0.96366	0.63500
92	42.964	2.8504	0.48298	0.94775	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	13.662	0.90640	0.15358	0.30138	-1.0000
-112	13.682	0.90773	0.15381	0.30182	-1.0000
-122	14.371	0.95341	0.16155	0.31701	-1.0000
-127	15.164	1.0060	0.17047	0.33451	-1.0000
-137	15.159	1.0057	0.17041	0.33440	-1.0000
-142	14.790	0.98122	0.16626	0.32625	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	13.662	0.90640	0.15358	0.30138	0.31900
112	13.682	0.90773	0.15381	0.30182	0.34000
122	14.371	0.95341	0.16155	0.31701	0.38600
127	15.164	1.0060	0.17047	0.33451	0.43200
137	15.159	1.0057	0.17041	0.33440	0.47800
142	14.790	0.98122	0.16626	0.32625	0.52200
152	14.865	0.98618	0.16710	0.32790	0.56300
157	14.950	0.99181	0.16805	0.32977	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.865	0.98618	0.16710	0.32790	-1.0000
-157	14.950	0.99181	0.16805	0.32977	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.159	1.0057	0.17041	0.33440	0.79300
172	14.091	0.93487	0.15841	0.31084	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.159	1.0057	0.17041	0.33440	0.79300
187	15.149	1.0051	0.17030	0.33418	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	24.317	1.6201	0.30489	0.59981	0.47400
37	21.107	1.4062	0.26464	0.52063	0.53300
47	19.664	1.3101	0.24655	0.48504	0.63100
52	22.555	1.5026	0.28279	0.55634	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.638	0.90860	0.17100	0.33640	0.42200
67	14.746	0.98245	0.18490	0.36374	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	5.1600	0.34377	0.064698	0.12728	0.56400
82	39.209	2.6122	0.49162	0.96716	0.63500
92	44.097	2.9379	0.55290	1.0877	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR THROAT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	13.633	0.90827	0.17093	0.33628	-1.0000
-112	13.653	0.90960	0.17119	0.33677	-1.0000
-122	14.337	0.95517	0.17976	0.35365	-1.0000
-127	15.111	1.0067	0.18947	0.37273	-1.0000
-137	15.111	1.0067	0.18947	0.37273	-1.0000
-142	14.712	0.98012	0.18446	0.36288	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	13.633	0.90827	0.17093	0.33628	0.31900
112	13.653	0.90960	0.17119	0.33677	0.34000
122	14.337	0.95517	0.17976	0.35365	0.38600
127	15.111	1.0067	0.18947	0.37273	0.43200
137	15.111	1.0067	0.18947	0.37273	0.47800
142	14.712	0.98012	0.18446	0.36288	0.52200
152	14.781	0.98478	0.18533	0.36461	0.56300
157	14.876	0.99110	0.18652	0.36695	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PTAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.781	0.99478	0.18523	0.36461	-1.0000
-157	14.876	0.99110	0.18652	0.36695	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.106	1.0064	0.18940	0.37261	0.79300
172	14.042	0.93555	0.17607	0.34638	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.101	1.0061	0.18934	0.37249	0.79300
187	15.091	1.0054	0.18922	0.37224	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDETT REC 12/13/79 03:53:58.105 FAC RX6X1 PGM C034 RDG 2800

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.161	1.0769	0.30149	0.59017	0.43400
37	17.475	1.1644	0.32598	0.63812	0.53300
47	17.070	1.1374	0.31844	0.62335	0.63100
52	18.189	1.2119	0.33930	0.66419	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	9.2242	0.61462	0.17207	0.33684	0.42200
67	14.753	0.98303	0.27522	0.53875	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	38.543	2.5687	0.71902	1.4075	0.56400
82	26.182	1.7446	0.48843	0.95611	0.63500
82	47.788	3.1842	0.89148	1.7451	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SUPCUR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.414	0.96041	0.26889	0.52635	-1.0000
-112	14.404	0.95974	0.26870	0.52599	-1.0000
-122	14.688	0.97871	0.27401	0.53638	-1.0000
-127	15.053	1.0030	0.28081	0.54969	-1.0000
-137	15.053	1.0030	0.28081	0.54969	-1.0000
-142	14.928	0.99468	0.27848	0.54513	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.414	0.96041	0.26889	0.52635	0.31900
112	14.404	0.95974	0.26870	0.52599	0.34000
122	14.688	0.97871	0.27401	0.53638	0.38600
127	15.053	1.0030	0.28081	0.54969	0.43200
137	15.053	1.0030	0.28081	0.54969	0.47800
142	14.928	0.99468	0.27848	0.54513	0.52200
152	14.943	0.99568	0.27876	0.54568	0.56300
157	14.953	0.99634	0.27895	0.54604	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.943	0.99568	0.27876	0.54568	-1.0000
-157	14.953	0.99634	0.27895	0.54604	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	15.038	1.0020	0.28053	0.54914	0.79300
172	14.599	0.97272	0.27233	0.53310	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	15.033	1.0017	0.28044	0.54896	0.79300
187	15.033	1.0017	0.28044	0.54896	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/13/79 03:55:15.255 FAC 8X6X1 PGM C034 RDG 2801

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	20.968	1.3975	0.30542	0.60041	0.43400
37	15.456	1.0301	0.22513	0.44257	0.53300
47	18.597	1.2394	0.27087	0.53250	0.63100
52	19.460	1.2970	0.28345	0.55723	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.670	0.77782	0.16999	0.33417	0.42200
67	14.737	0.98220	0.21465	0.42198	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	49.249	3.2824	0.71735	1.4102	0.56400
82	33.626	2.2411	0.48979	0.96286	0.63500
92	47.252	3.1492	0.68825	1.3530	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.402	0.95990	0.20978	0.41240	-1.0000
-112	14.392	0.95923	0.20963	0.41211	-1.0000
-122	14.657	0.97687	0.21349	0.41969	-1.0000
-127	15.042	1.0025	0.21909	0.43070	-1.0000
-137	15.042	1.0025	0.21909	0.43070	-1.0000
-142	14.937	0.99551	0.21756	0.42770	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.402	0.95990	0.20978	0.41240	0.31900
112	14.392	0.95923	0.20963	0.41211	0.34000
122	14.657	0.97687	0.21349	0.41969	0.38600
127	15.042	1.0025	0.21909	0.43070	0.43200
137	15.042	1.0025	0.21909	0.43070	0.47800
142	14.937	0.99551	0.21756	0.42770	0.52200
152	14.947	0.99618	0.21771	0.42799	0.56300
157	14.962	0.99717	0.21793	0.42841	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PI	PL/P0	PL/PTF	PI/PTP	X/DMAX
-152	14.947	0.99618	0.21771	0.42799	-1.0000
-157	14.962	0.99717	0.21793	0.42841	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PI	PL/P0	PL/PTF	PI/PTP	X/DMAX
167	15.047	1.0028	0.21916	0.43085	0.79300
172	14.592	0.97255	0.21254	0.41783	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	15.042	1.0025	0.21909	0.43070	0.79300
187	15.037	1.0022	0.21902	0.43056	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 03:56:15.857 FAC AX6X1 PGM C034 RDG 2802

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	24.021	1.5098	0.29994	0.58953	0.43400
37	18.338	1.2213	0.22897	0.45004	0.53300
47	19.971	1.3300	0.24936	0.49012	0.63100
52	22.209	1.4790	0.27730	0.54503	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.643	0.90857	0.17034	0.33481	0.42200
67	14.766	0.98342	0.18438	0.36240	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	5.9860	0.39866	0.074743	0.14691	0.56400
82	39.270	2.6153	0.49034	0.96377	0.63500
92	47.351	3.1535	0.59124	1.1621	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.387	0.95814	0.17964	0.35308	-1.0000
-112	14.367	0.95681	0.17939	0.35259	-1.0000
-122	14.647	0.97544	0.18288	0.35946	-1.0000
-127	15.026	1.0007	0.18762	0.36877	-1.0000
-137	15.031	1.0011	0.18768	0.36890	-1.0000
-142	14.931	0.99440	0.18644	0.36644	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.387	0.95814	0.17964	0.35308	0.31900
112	14.367	0.95681	0.17939	0.35259	0.34000
122	14.647	0.97544	0.18288	0.35946	0.38600
127	15.026	1.0007	0.18762	0.36877	0.43200
137	15.031	1.0011	0.18768	0.36890	0.47800
142	14.931	0.99440	0.18644	0.36644	0.52200
152	14.946	0.99540	0.18662	0.36681	0.56300
157	14.966	0.99673	0.18687	0.36730	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXIT

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.946	0.99540	0.18662	0.36681	-1.0000
-157	14.966	0.99673	0.18687	0.36730	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.026	1.0007	0.18762	0.36877	0.79300
172	14.582	0.97111	0.18207	0.35786	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.021	1.0004	0.18756	0.36865	0.79300
187	15.021	1.0004	0.18756	0.36865	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

F. 4 · p3

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/13/79 02:57:53.758 FAC 8X6X1 PGM C034 RDG 2803

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	26.719	1.7844	0.30164	0.59088	0.43400
37	23.757	1.5866	0.26820	0.52537	0.53300
47	22.343	1.4922	0.25224	0.49411	0.63100
52	23.927	1.5979	0.27012	0.52912	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.186	1.0142	0.17144	0.33584	0.42200
67	14.812	0.98917	0.16727	0.32755	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.725	0.71625	0.12108	0.23718	0.58400
82	43.428	2.9003	0.49028	0.96039	0.63500
92	48.214	3.2199	0.54431	1.0667	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SURFUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.352	0.95848	0.16203	0.31739	-1.0000
-112	14.342	0.95781	0.16191	0.31717	-1.0000
-122	14.622	0.97649	0.16507	0.32335	-1.0000
-127	15.012	1.0025	0.16947	0.33197	-1.0000
-137	15.022	1.0032	0.16958	0.33219	-1.0000
-142	14.917	0.99617	0.16840	0.32987	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUPERCOY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.352	0.95848	0.16203	0.31739	0.31900
112	14.342	0.95781	0.16191	0.31717	0.34000
122	14.622	0.97649	0.16507	0.32335	0.38600
127	15.012	1.0025	0.16947	0.33197	0.43200
137	15.022	1.0032	0.16958	0.33219	0.47800
142	14.917	0.99617	0.16840	0.32987	0.52200
152	14.942	0.99784	0.16868	0.33042	0.56300
157	14.957	0.99884	0.16885	0.33076	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.942	0.99784	0.16868	0.33042	-1.0000
-157	14.957	0.99884	0.16885	0.33076	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.022	1.0032	0.16958	0.33219	0.79300
172	14.562	0.97249	0.16440	0.32203	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.022	1.0032	0.16958	0.33219	0.79300
187	15.012	1.0025	0.16947	0.33197	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	23.829	1.5908	0.29790	0.58682	0.43400
37	21.223	1.4168	0.26532	0.52264	0.53300
47	19.900	1.3285	0.24878	0.49008	0.63100
52	22.046	1.4718	0.27562	0.54293	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.614	0.90886	0.17020	0.33527	0.42200
67	14.832	0.99020	0.18543	0.36527	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	5.3610	0.35790	0.067027	0.13202	0.56400
82	39.170	2.6150	0.48970	0.96464	0.63500
92	48.652	3.2480	0.60824	1.1981	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.353	0.95820	0.17944	0.35347	-1.0000
-112	14.333	0.95687	0.17919	0.35298	-1.0000
-122	14.608	0.97520	0.18262	0.35974	-1.0000
-127	14.992	1.0009	0.18743	0.36921	-1.0000
-137	14.997	1.0012	0.18749	0.36933	-1.0000
-142	14.892	0.99420	0.18618	0.36675	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.353	0.95820	0.17944	0.35347	0.31900
112	14.333	0.95687	0.17919	0.35298	0.34000
122	14.608	0.97520	0.18262	0.35974	0.38600
127	14.992	1.0009	0.18743	0.36921	0.43200
137	14.997	1.0012	0.18749	0.36933	0.47800
142	14.892	0.99420	0.18618	0.36675	0.52200
152	14.922	0.99620	0.18656	0.36749	0.56300
157	14.932	0.99686	0.18668	0.36773	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.922	0.99620	0.18656	0.36749	-1.0000
-157	14.932	0.99686	0.18668	0.36773	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.012	1.0022	0.18768	0.36970	0.79300
172	14.558	0.97187	0.18200	0.35851	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.012	1.0022	0.18768	0.36970	0.79300
187	15.007	1.0019	0.18762	0.36958	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/13/79 04:00:11.739 FAC 8X6X1 PGM C034 RDG 2805

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.730	1.3796	0.30245	0.59440	0.43400
37	18.492	1.2325	0.27019	0.53100	0.53300
47	18.397	1.2262	0.26881	0.52827	0.63100
52	19.501	1.2997	0.28494	0.55997	0.72600

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.662	0.77728	0.17040	0.33488	0.42200
67	14.840	0.98909	0.21683	0.42613	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	48.390	3.2252	0.70705	1.3895	0.56400
82	33.553	2.2364	0.49026	0.96349	0.63500
92	48.646	3.2423	0.71079	1.3969	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.420	0.96112	0.21070	0.41408	-1.0000
-112	14.395	0.95945	0.21034	0.41336	-1.0000
-122	14.675	0.97810	0.21442	0.42140	-1.0000
-127	15.060	1.0037	0.22005	0.43245	-1.0000
-137	15.050	1.0031	0.21990	0.43216	-1.0000
-142	14.940	0.99575	0.21829	0.42900	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.420	0.96112	0.21070	0.41408	0.31900
112	14.395	0.95945	0.21034	0.41336	0.34000
122	14.675	0.97810	0.21442	0.42140	0.38600
127	15.060	1.0037	0.22005	0.43245	0.43200
137	15.050	1.0031	0.21990	0.43216	0.47800
142	14.940	0.99575	0.21829	0.42900	0.52200
152	14.965	0.99742	0.21866	0.42972	0.56300
157	14.970	0.99775	0.21873	0.42986	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.965	0.99742	0.21866	0.42972	-1.0000
-157	14.970	0.99775	0.21873	0.42986	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.060	1.0037	0.22005	0.43245	0.79300
172	14.600	0.97311	0.21333	0.41925	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.055	1.0034	0.21997	0.43230	0.79300
187	15.050	1.0031	0.21990	0.43216	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS
OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.800	1.3858	0.30394	0.59743	0.43400
37	18.573	1.2375	0.27146	0.53346	0.53300
47	18.598	1.2391	0.27176	0.53418	0.63100
52	19.747	1.3156	0.28854	0.56717	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.621	0.77427	0.16981	0.33378	0.42200
67	14.838	0.98859	0.21681	0.42618	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	48.526	3.2264	0.70762	1.3909	0.56400
82	33.534	2.2343	0.49002	0.96319	0.63500
92	48.386	3.2238	0.70703	1.3898	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.403	0.95964	0.21047	0.41370	-1.0000
-112	14.378	0.95797	0.21010	0.41298	-1.0000
-122	14.653	0.97627	0.21411	0.42087	-1.0000
-127	15.033	1.0016	0.21966	0.43177	-1.0000
-137	15.033	1.0016	0.21966	0.43177	-1.0000
-142	14.913	0.99358	0.21791	0.42833	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.403	0.95964	0.21047	0.41370	0.31900
112	14.378	0.95797	0.21010	0.41298	0.34000
122	14.653	0.97627	0.21411	0.42087	0.38600
127	15.033	1.0016	0.21966	0.43177	0.43200
137	15.033	1.0016	0.21966	0.43177	0.47800
142	14.913	0.99358	0.21791	0.42833	0.52200
152	14.943	0.99557	0.21835	0.42919	0.56300
157	14.958	0.99657	0.21857	0.42962	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.943	0.99557	0.21835	0.42919	-1.0000
-157	14.958	0.99657	0.21857	0.42962	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	15.028	1.0012	0.21959	0.43163	0.79300
172	14.583	0.97161	0.21309	0.41886	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	15.038	1.0019	0.21973	0.43191	0.79300
187	15.033	1.0016	0.21966	0.43177	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	17.099	1.1954	0.33496	0.65766	0.43400
37	19.111	1.3360	0.37438	0.73505	0.53300
47	18.442	1.2893	0.36127	0.70932	0.63100
52	17.788	1.2435	0.34846	0.68416	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	8.9780	0.62763	0.17587	0.34531	0.42200
67	14.827	1.0365	0.29045	0.57028	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	37.792	2.6420	0.74033	1.4536	0.56400
82	24.828	1.7357	0.48637	0.95494	0.63500
92	29.189	2.0405	0.57179	1.1226	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.243	0.99569	0.27901	0.54781	-1.0000
-112	14.248	0.99604	0.27911	0.54800	-1.0000
-122	14.243	0.99569	0.27901	0.54781	-1.0000
-127	14.298	0.99953	0.28008	0.54992	-1.0000
-137	14.298	0.99953	0.28008	0.54992	-1.0000
-142	14.248	0.99604	0.27911	0.54800	-1.0000

>ADDITIONAL PRESSURE RATIOS , FUSELAGE INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.243	0.99569	0.27901	0.54781	0.31900
112	14.248	0.99604	0.27911	0.54800	0.34000
122	14.243	0.99569	0.27901	0.54781	0.38600
127	14.298	0.99953	0.28008	0.54992	0.43200
137	14.298	0.99953	0.28008	0.54992	0.47800
142	14.248	0.99604	0.27911	0.54800	0.52200
152	14.248	0.99604	0.27911	0.54800	0.56300
157	14.263	0.99708	0.27940	0.54857	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.248	0.99604	0.27911	0.54800	-1.0000
-157	14.263	0.99708	0.27940	0.54857	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.298	0.99953	0.28008	0.54992	0.79300
172	14.253	0.99638	0.27920	0.54819	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.303	0.99988	0.28018	0.55011	0.79300
187	14.278	0.99813	0.27969	0.54915	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/13/79 04:29:42.875 FAC 8X6X1 PGM C034 RDG 2808

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	22.018	1.5394	0.33741	0.66169	0.43400
37	23.605	1.6504	0.36175	0.70941	0.53300
47	22.612	1.5810	0.34652	0.67955	0.63100
52	20.954	1.4651	0.32112	0.62973	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.467	0.80172	0.17572	0.34460	0.42200
67	14.838	1.0374	0.22738	0.44591	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	48.120	3.3644	0.73743	1.4461	0.56400
82	31.857	2.2274	0.48820	0.95740	0.63500
92	29.684	2.0754	0.45489	0.89207	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.213	0.99378	0.21782	0.42716	-1.0000
-112	14.208	0.99343	0.21774	0.42701	-1.0000
-122	14.213	0.99378	0.21782	0.42716	-1.0000
-127	14.293	0.99936	0.21904	0.42956	-1.0000
-137	14.293	0.99936	0.21904	0.42956	-1.0000
-142	14.223	0.99448	0.21797	0.42746	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.213	0.99378	0.21782	0.42716	0.31900
112	14.208	0.99343	0.21774	0.42701	0.34000
122	14.213	0.99378	0.21782	0.42716	0.38600
127	14.293	0.99936	0.21904	0.42956	0.43200
137	14.293	0.99936	0.21904	0.42956	0.47800
142	14.223	0.99448	0.21797	0.42746	0.52200
152	14.228	0.99482	0.21805	0.42761	0.56300
157	14.233	0.99517	0.21812	0.42776	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAT

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.228	0.99482	0.21805	0.42761	-1.0000
-157	14.233	0.99517	0.21812	0.42776	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.283	0.99867	0.21889	0.42926	0.79300
172	14.228	0.99482	0.21805	0.42761	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.288	0.99901	0.21897	0.42941	0.79300
187	14.273	0.99797	0.21874	0.42896	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	29.192	2.0422	0.38430	0.75769	0.43400
37	29.697	2.0775	0.39094	0.77079	0.53300
47	29.417	2.0726	0.39003	0.76898	0.63100
52	29.118	2.0377	0.38344	0.75601	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.251	0.92733	0.17450	0.34405	0.42200
67	14.819	1.0370	0.19515	0.38476	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	4.2033	0.29415	0.055352	0.10913	0.56400
82	37.159	2.6004	0.48934	0.96480	0.63500
87	30.271	2.1184	0.39864	0.78597	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.195	0.99337	0.18693	0.36855	-1.0000
-112	14.190	0.99302	0.18686	0.36842	-1.0000
122	14.195	0.99337	0.18693	0.36855	-1.0000
-127	14.280	0.99931	0.18805	0.37076	-1.0000
-137	14.275	0.99896	0.18798	0.37063	-1.0000
-142	14.200	0.99372	0.18699	0.36868	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.195	0.99337	0.18693	0.36855	0.31900
112	14.190	0.99302	0.18686	0.36842	0.34000
122	14.195	0.99337	0.18693	0.36855	0.38600
127	14.280	0.99931	0.18805	0.37076	0.43200
137	14.275	0.99896	0.18798	0.37063	0.47800
142	14.200	0.99372	0.18699	0.36868	0.52200
152	14.205	0.99407	0.18706	0.36881	0.56300
157	14.215	0.99477	0.18719	0.36907	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.205	0.99407	0.18706	0.36881	-1.0000
-157	14.215	0.99477	0.18719	0.36907	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.280	0.99931	0.18805	0.37076	0.79300
172	14.200	0.99372	0.18699	0.36868	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.275	0.99896	0.18798	0.37063	0.79300
187	14.255	0.99757	0.18772	0.37011	0.84400

>SECTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	35.607	2.4935	0.41106	0.80580	0.43400
37	35.597	2.4928	0.41095	0.80557	0.53300
47	35.642	2.4960	0.41147	0.80659	0.63100
52	35.577	2.4914	0.41072	0.80512	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	15.381	1.0771	0.17757	0.34808	0.42200
67	14.822	1.0380	0.17111	0.33542	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	10.161	0.71153	0.11730	0.22994	0.56400
82	42.436	2.9718	0.48990	0.96034	0.63500
92	31.661	2.2172	0.36551	0.71651	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.167	0.99214	0.16356	0.32062	-1.0000
-112	14.162	0.99179	0.16350	0.32050	-1.0000
-122	14.167	0.99214	0.16356	0.32062	-1.0000
-127	14.272	0.99948	0.16477	0.32299	-1.0000
-137	14.272	0.99948	0.16477	0.32299	-1.0000
-142	14.177	0.99284	0.16367	0.32084	-1.0000

>ADDITIONAL PRESSURE RATIOS , FLOWBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.167	0.99214	0.16356	0.32062	0.31900
112	14.162	0.99179	0.16350	0.32050	0.34000
122	14.167	0.99214	0.16356	0.32062	0.38600
127	14.272	0.99948	0.16477	0.32299	0.43200
137	14.272	0.99948	0.16477	0.32299	0.47800
142	14.177	0.99284	0.16367	0.32084	0.52200
152	14.177	0.99284	0.16367	0.32084	0.56300
157	14.192	0.99389	0.16384	0.32118	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PTAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.177	0.99284	0.16367	0.32084	-1.0000
-157	14.192	0.99389	0.16384	0.32118	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.277	0.99983	0.16482	0.32310	0.79300
172	14.187	0.99354	0.16379	0.32107	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.277	0.99983	0.16482	0.32310	0.79300
187	14.252	0.99809	0.16454	0.32254	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/13/79 04:33:39.371 FAC AXAX1 PGM C034 RDG 2811

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	37.730	2.6407	0.41609	0.81615	0.43400
37	37.735	2.6432	0.41648	0.81690	0.53300
47	37.720	2.6421	0.41631	0.81658	0.63100
52	37.610	2.6344	0.41510	0.81420	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	16.184	1.1336	0.17862	0.35035	0.42200
67	14.830	1.0388	0.16368	0.32105	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.763	0.82397	0.12983	0.25465	0.56400
82	44.492	3.1102	0.49006	0.96123	0.63500
92	35.238	2.4683	0.38892	0.76286	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.151	0.99122	0.15618	0.30635	-1.0000
-112	14.151	0.99122	0.15618	0.30635	-1.0000
-122	14.161	0.99192	0.15629	0.30656	-1.0000
-127	14.266	0.99927	0.15745	0.30883	-1.0000
-137	14.266	0.99927	0.15745	0.30883	-1.0000
-142	14.166	0.99227	0.15635	0.30667	-1.0000

>ADDITIONAL PRESSURE RATIOS , EJECTOR INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.151	0.99122	0.15618	0.30635	0.31900
112	14.151	0.99122	0.15618	0.30635	0.34000
122	14.161	0.99192	0.15629	0.30656	0.38600
127	14.266	0.99927	0.15745	0.30883	0.43200
137	14.266	0.99927	0.15745	0.30883	0.47800
142	14.166	0.99227	0.15635	0.30667	0.52200
152	14.166	0.99227	0.15635	0.30667	0.56300
157	14.181	0.99332	0.15651	0.30700	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.166	0.99227	0.15635	0.30667	-1.0000
-157	14.181	0.99332	0.15651	0.30700	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.266	0.99927	0.15745	0.30883	0.79300
172	14.171	0.99262	0.15640	0.30678	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.266	0.99927	0.15745	0.30883	0.79300
187	14.241	0.99752	0.15718	0.30829	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/13/79 04:35:40.644 F4C 8X6X1 PGM C034 RDG 2812

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	30.601	2.1426	0.40379	0.79867	0.43400
37	30.601	2.1426	0.40379	0.79867	0.53300
47	30.591	2.1370	0.40273	0.79658	0.63100
52	30.481	2.1342	0.40221	0.79554	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.245	0.92742	0.17478	0.34570	0.42200
67	14.854	1.0400	0.19600	0.38767	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	2.7040	0.18933	0.035681	0.070574	0.56400
82	37.121	2.5991	0.48983	0.96884	0.63500
92	37.545	2.6289	0.49544	0.97994	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.189	0.99352	0.18723	0.37034	-1.0000
-112	14.194	0.99387	0.18730	0.37047	-1.0000
-122	14.199	0.99422	0.18737	0.37060	-1.0000
-127	14.284	1.0002	0.18849	0.37281	-1.0000
-137	14.279	0.99981	0.18842	0.37268	-1.0000
-142	14.209	0.99492	0.18750	0.37086	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.189	0.99352	0.18723	0.37034	0.31900
112	14.194	0.99387	0.18730	0.37047	0.34000
122	14.199	0.99422	0.18737	0.37060	0.38600
127	14.284	1.0002	0.18849	0.37281	0.43200
137	14.279	0.99981	0.18842	0.37268	0.47800
142	14.209	0.99492	0.18750	0.37086	0.52200
152	14.204	0.99457	0.18743	0.37073	0.56300
157	14.204	0.99457	0.18743	0.37073	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.204	0.99457	0.18743	0.37073	-1.0000
-157	14.204	0.99457	0.18743	0.37073	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.284	1.0002	0.18849	0.37281	0.79300
172	14.209	0.99492	0.18750	0.37086	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.289	1.0005	0.18855	0.37294	0.79300
187	14.259	0.99841	0.18816	0.37216	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDETT REC 12/13/79 04:38:02.05R FAC 8X6X1 PGM C034 RDG 2813

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.764	1.4515	0.40853	0.80401	0.43400
37	20.739	1.4497	0.40804	0.80304	0.53300
47	20.694	1.4466	0.40715	0.80130	0.63100
52	20.759	1.4511	0.40843	0.80382	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	9.0673	0.63383	0.17840	0.35109	0.42200
67	14.839	1.0373	0.29196	0.57460	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	36.855	2.5763	0.72512	1.4271	0.56400
82	24.801	1.7336	0.48795	0.96031	0.63500
92	38.833	2.7145	0.76407	1.5036	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.245	0.99575	0.28026	0.55157	-1.0000
-117	14.245	0.99575	0.28026	0.55157	-1.0000
-122	14.250	0.99610	0.28036	0.55177	-1.0000
-127	14.305	0.99994	0.28144	0.55390	-1.0000
-137	14.300	0.99959	0.28134	0.55370	-1.0000
-142	14.250	0.99610	0.28036	0.55177	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.245	0.99575	0.28026	0.55157	0.31900
112	14.245	0.99575	0.28026	0.55157	0.34000
122	14.250	0.99610	0.28036	0.55177	0.38600
127	14.305	0.99994	0.28144	0.55390	0.43200
137	14.300	0.99959	0.28134	0.55370	0.47800
142	14.250	0.99610	0.28036	0.55177	0.52200
152	14.255	0.99645	0.28046	0.55196	0.56300
157	14.245	0.99575	0.28026	0.55157	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.255	0.99645	0.28046	0.55196	-1.0000
-157	14.245	0.99575	0.28026	0.55157	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.305	0.99994	0.28144	0.55390	0.79300
172	14.255	0.99645	0.28046	0.55196	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.300	0.99959	0.28134	0.55370	0.79300
197	14.299	0.99889	0.28115	0.55332	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/13/79 04:40:09.364 FAC 9X6X1 PGM C034 RDG 2814

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	25.742	1.8003	0.38513	0.77417	0.43400
37	25.772	1.8024	0.39559	0.77507	0.53300
47	25.772	1.8024	0.39559	0.77507	0.63100
52	25.897	1.8111	0.39751	0.77883	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	11.520	0.80565	0.17683	0.34645	0.42200
67	14.958	1.0391	0.22806	0.44683	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	47.447	3.3181	0.72828	1.4269	0.56400
82	31.875	2.2291	0.48926	0.95859	0.63500
92	39.009	2.7281	0.59877	1.1731	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.218	0.99434	0.21824	0.42759	-1.0000
-112	14.218	0.99434	0.21824	0.42759	-1.0000
-122	14.223	0.99469	0.21832	0.42775	-1.0000
-127	14.288	0.99923	0.21932	0.42970	-1.0000
-137	14.288	0.99923	0.21932	0.42970	-1.0000
-142	14.218	0.99434	0.21824	0.42759	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.218	0.99434	0.21824	0.42759	0.31900
112	14.218	0.99434	0.21824	0.42759	0.34000
122	14.223	0.99469	0.21832	0.42775	0.38600
127	14.288	0.99923	0.21932	0.42970	0.43700
137	14.288	0.99923	0.21932	0.42970	0.47800
142	14.218	0.99434	0.21824	0.42759	0.52200
152	14.218	0.99434	0.21824	0.42759	0.56300
157	14.233	0.99539	0.21847	0.42805	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.218	0.99434	0.21824	0.42759	-1.0000
-157	14.233	0.99539	0.21847	0.42805	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.288	0.99923	0.21932	0.42970	0.79300
172	14.228	0.99504	0.21840	0.42790	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	14.293	0.99958	0.21939	0.42985	0.79300
187	14.273	0.99818	0.21909	0.42925	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	20.017	1.3995	0.39378	0.77302	0.43400
37	20.082	1.4040	0.39506	0.77553	0.53300
47	20.097	1.4051	0.39536	0.77611	0.63100
52	20.057	1.4023	0.39457	0.77457	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	9.0814	0.63493	0.17868	0.35071	0.42200
67	14.947	1.0450	0.29405	0.57724	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	36.874	2.5780	0.72541	1.4240	0.56400
82	24.831	1.7361	0.48850	0.95897	0.63500
92	41.740	2.9183	0.82115	1.6120	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.243	0.99579	0.28020	0.55004	-1.0000
-112	14.248	0.99614	0.28029	0.55024	-1.0000
-122	14.248	0.99614	0.28029	0.55024	-1.0000
-127	14.303	0.99998	0.28138	0.55236	-1.0000
-137	14.298	0.99964	0.28128	0.55217	-1.0000
-142	14.253	0.99649	0.28039	0.55043	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.243	0.99579	0.28020	0.55004	0.31900
112	14.248	0.99614	0.28029	0.55024	0.34000
122	14.248	0.99614	0.28029	0.55024	0.38600
127	14.303	0.99998	0.28138	0.55236	0.43200
137	14.298	0.99964	0.28128	0.55217	0.47800
142	14.253	0.99649	0.28029	0.55043	0.52200
152	14.258	0.99684	0.28049	0.55062	0.56300
157	14.258	0.99684	0.28049	0.55062	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.258	0.99684	0.28049	0.55062	-1.0000
-157	14.258	0.99684	0.28049	0.55062	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.298	0.99964	0.28128	0.55217	0.79300
172	14.253	0.99649	0.28039	0.55043	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.298	0.99964	0.28128	0.55217	0.79300
187	14.288	0.99894	0.28108	0.55178	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/13/79 04:49:37.003 FAC 8X6X1 PGM C034 RDG 2816

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	24.354	1.7037	0.37453	0.73400	0.43400
37	24.429	1.7090	0.37568	0.73626	0.53300
47	24.454	1.7107	0.37607	0.73701	0.63100
52	24.125	1.6877	0.37100	0.72707	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	11.541	0.80739	0.17748	0.34783	0.42200
67	14.954	1.0461	0.22996	0.45068	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	47.226	3.3038	0.72628	1.4233	0.56400
82	31.825	2.2264	0.48942	0.95916	0.63500
92	41.634	2.9126	0.64026	1.2547	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.209	0.99404	0.21852	0.42825	-1.0000
-112	14.209	0.99404	0.21852	0.42825	-1.0000
-122	14.214	0.99438	0.21859	0.42840	-1.0000
-127	14.289	0.99963	0.21974	0.43065	-1.0000
-137	14.284	0.99928	0.21967	0.43050	-1.0000
-142	14.219	0.99473	0.21867	0.42855	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.209	0.99404	0.21852	0.42825	0.31900
112	14.209	0.99404	0.21852	0.42825	0.34000
122	14.214	0.99438	0.21859	0.42840	0.38600
127	14.289	0.99963	0.21974	0.43065	0.43200
137	14.284	0.99928	0.21967	0.43050	0.47800
142	14.219	0.99473	0.21867	0.42855	0.52200
152	14.219	0.99473	0.21867	0.42855	0.56300
157	14.229	0.99543	0.21882	0.42885	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.219	0.99473	0.21867	0.42855	-1.0000
-157	14.229	0.99543	0.21882	0.42885	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.289	0.99963	0.21974	0.43065	0.79300
172	14.219	0.99473	0.21867	0.42855	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.289	0.99963	0.21974	0.43065	0.79300
187	14.269	0.99823	0.21944	0.43005	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	30.616	2.1436	0.40389	0.79633	0.43400
37	30.601	2.1425	0.40369	0.79594	0.53300
47	30.511	2.1362	0.40250	0.79360	0.63100
52	30.411	2.1292	0.40118	0.79100	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.505	0.94555	0.17816	0.35127	0.42200
67	14.969	1.0480	0.19747	0.38934	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	3.5562	0.24899	0.046915	0.092500	0.56400
82	37.148	2.6009	0.49006	0.96623	0.63500
92	41.975	2.9389	0.55375	1.0918	0.89200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.194	0.99382	0.18725	0.36920	-1.0000
-112	14.189	0.99347	0.18719	0.36907	-1.0000
-122	14.194	0.99382	0.18725	0.36920	-1.0000
-127	14.284	1.0001	0.18844	0.37154	-1.0000
-137	14.279	0.99976	0.18837	0.37141	-1.0000
-142	14.199	0.99417	0.18732	0.36933	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.194	0.99382	0.18725	0.36920	0.31900
112	14.189	0.99347	0.18719	0.36907	0.34000
122	14.194	0.99382	0.18725	0.36920	0.38500
127	14.284	1.0001	0.18844	0.37154	0.43200
137	14.279	0.99976	0.18837	0.37141	0.47800
142	14.199	0.99417	0.18732	0.36933	0.52200
152	14.204	0.99452	0.18739	0.36946	0.56300
157	14.214	0.99522	0.18752	0.36972	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.204	0.99452	0.18739	0.36946	-1.0000
-157	14.214	0.99522	0.18752	0.36972	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.284	1.0001	0.18844	0.37154	0.79300
172	14.209	0.99487	0.18745	0.36959	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.284	1.0001	0.18844	0.37154	0.79300
187	14.264	0.99871	0.18818	0.37102	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/13/79 04:51:38.685 FAC 8X6X1 PGM C034 RDG 2818

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	35.623	2.4894	0.41108	0.80725	0.43400
37	35.473	2.4859	0.41050	0.80611	0.53300
47	35.433	2.4831	0.41004	0.80520	0.63100
52	35.388	2.4799	0.40952	0.80418	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	15.741	1.1031	0.18218	0.35771	0.42200
67	15.007	1.0516	0.17366	0.34103	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	9.7107	0.68051	0.11238	0.22067	0.56400
82	42.342	2.9672	0.49000	0.96221	0.63500
92	42.763	2.9967	0.49487	0.97177	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.163	0.99249	0.16389	0.32184	-1.0000
-112	14.163	0.99249	0.16389	0.32184	-1.0000
-122	14.168	0.99284	0.16395	0.32195	-1.0000
-127	14.257	0.99914	0.16499	0.32400	-1.0000
-137	14.257	0.99914	0.16499	0.32400	-1.0000
-142	14.163	0.99249	0.16389	0.32184	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.163	0.99249	0.16389	0.32184	0.31900
112	14.163	0.99249	0.16389	0.32184	0.34000
122	14.168	0.99284	0.16395	0.32195	0.38600
127	14.257	0.99914	0.16499	0.32400	0.43200
137	14.257	0.99914	0.16499	0.32400	0.47800
142	14.163	0.99249	0.16389	0.32184	0.52200
152	14.168	0.99284	0.16395	0.32195	0.56300
157	14.183	0.99389	0.16413	0.32229	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.168	0.99284	0.16395	0.32195	-1.0000
-157	14.183	0.99389	0.16413	0.32229	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.262	0.99949	0.16505	0.32411	0.79300
172	14.178	0.99354	0.16407	0.32218	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.262	0.99949	0.16505	0.32411	0.79300
187	14.238	0.99774	0.16476	0.32354	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	37.905	2.6557	0.41728	0.81986	0.43400
37	37.870	2.6533	0.41690	0.81910	0.53300
47	37.905	2.6557	0.41728	0.81986	0.63100
52	37.890	2.6547	0.41712	0.81953	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	16.645	1.1662	0.18325	0.36003	0.42200
67	15.077	1.0563	0.16598	0.32611	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	11.9 0	0.83653	0.13144	0.25825	0.56400
82	44.492	3.1173	0.48981	0.96235	0.63500
92	44.272	3.1018	0.48738	0.95757	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.148	0.99124	0.15575	0.30601	-1.0000
-112	14.143	0.99089	0.15570	0.30590	-1.0000
-122	14.143	0.99089	0.15570	0.30590	-1.0000
-127	14.258	0.99894	0.15696	0.30839	-1.0000
-137	14.263	0.99929	0.15702	0.30850	-1.0000
-147	14.158	0.99194	0.15586	0.30623	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.148	0.99124	0.15575	0.30601	0.31900
112	14.143	0.99089	0.15570	0.30590	0.34000
122	14.143	0.99089	0.15570	0.30590	0.38600
127	14.258	0.99894	0.15696	0.30839	0.43200
137	14.263	0.99929	0.15702	0.30850	0.47800
142	14.158	0.99194	0.15586	0.30623	0.52200
152	14.163	0.99229	0.15592	0.30633	0.56300
157	14.168	0.99264	0.15597	0.30644	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.163	0.99229	0.15592	0.30633	-1.0000
-157	14.168	0.99264	0.15597	0.30644	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.263	0.99929	0.15702	0.30850	0.79300
172	14.173	0.99299	0.15603	0.30655	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	14.263	0.99929	0.15702	0.30850	0.79300
187	14.238	0.99754	0.15674	0.30795	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/13/79 04:54:18.703 FAC 8X6X1 PGM C034 RDG 2820

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	30.907	2.1638	0.40802	0.80471	0.43400
37	30.852	2.1600	0.40729	0.80328	0.53300
47	30.912	2.1642	0.40809	0.80484	0.63100
52	30.892	2.1628	0.40782	0.80432	0.72900

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.682	0.95791	0.18063	0.35624	0.42200
67	15.116	1.0583	0.19956	0.39358	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	2.6006	0.18207	0.034332	0.067711	0.56400
82	37.125	2.5992	0.49011	0.96662	0.63500
92	45.143	3.1605	0.59596	1.1754	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.182	0.99290	0.18722	0.36925	-1.0000
-112	14.182	0.99290	0.18722	0.36925	-1.0000
-122	14.187	0.99325	0.18729	0.36938	-1.0000
-127	14.277	0.99955	0.18848	0.37172	-1.0000
-137	14.277	0.99955	0.18848	0.37172	-1.0000
-142	14.197	0.99395	0.18742	0.36964	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.182	0.99290	0.18722	0.36925	0.31900
112	14.182	0.99290	0.18722	0.36925	0.34000
122	14.187	0.99325	0.18729	0.36938	0.38600
127	14.277	0.99955	0.18848	0.37172	0.43200
137	14.277	0.99955	0.18848	0.37172	0.47800
142	14.197	0.99395	0.18742	0.36964	0.52200
152	14.202	0.99430	0.18749	0.36977	0.56300
157	14.197	0.99395	0.18742	0.36964	0.60500

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.202	0.99430	0.18749	0.36977	-1.0000
-157	14.197	0.99395	0.18742	0.36964	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.277	0.99955	0.18848	0.37172	0.79300
172	14.212	0.99500	0.18762	0.37003	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	14.282	0.99990	0.18854	0.37185	0.79300
187	14.267	0.99815	0.18821	0.37120	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

Run 65

NASA-LEWIS PRELIMINARY DATA CADDF-II FACILITY 8X6X1 PROGRAM C034 RDGS 2873 TO 2893
TIME AND DATE PROCESSED 22:38:25 JUN 26 1979

NOZZLE TYPE	P+W EJECTOR NOZZLE (MODEL A)
FLIGHT CONDITIONS	TAKEOFF
NOZZLE CONFIGURATION	A3
PRIMARY-NOZZLE PLUG	SPLIT PLUG (EXTENDED)
FLOW SPLITTER	CONICAL SPLITTER
FAN NOZZLE	IRIS
CLAMSHELL POSITION	CLAMSHELL REMOVED
EJECTOR INLET OPENING	MIDWAY

RDG	MO	PTF/PTP	PTF/PO	PTP/PO	OMEGA	PTS/PTF	CDF	CDP	CF1	ETA1	ETA1,INT	CFP1	CFP2	F9
2873	0.033	1.47	1.86	1.26	0.000	0.541	0.946	0.878	1.0067	1.0067	1.0067	1.0067	1.0096	******
2874	0.031	1.46	2.15	1.48	0.000	0.467	0.945	0.891	1.0005	1.0005	1.0005	1.0005	1.0039	******
2875	0.041	1.46	2.55	1.74	0.000	0.395	0.950	0.900	0.9946	0.9946	0.9946	0.9946	0.9978	******
2876	0.051	1.49	3.16	2.12	0.000	0.319	0.946	0.964	0.9859	0.9859	0.9859	0.9859	0.9884	******
2877	0.056	1.47	3.66	2.49	0.000	0.275	0.948	0.957	0.9878	0.9878	0.9878	0.9878	0.9899	******
2878	0.060	1.47	4.09	2.78	0.000	0.246	0.950	0.970	0.9812	0.9812	0.9812	0.9812	0.9831	******
2879	0.051	1.47	2.55	1.74	0.000	0.395	0.950	0.914	0.9890	0.9890	0.9890	0.9890	0.9923	******
2880	0.895	1.48	1.85	1.25	0.000	0.551	0.942	0.548	0.8397	0.8397	0.8511	0.8511	0.8531	******
2881	0.894	1.49	2.16	1.45	0.000	0.473	0.941	0.724	0.8875	0.8875	0.8957	0.8957	0.8985	******
2882	0.891	1.48	2.54	1.72	0.000	0.401	0.947	0.831	0.9160	0.9160	0.9219	0.9219	0.9250	******
2883	0.893	1.45	3.15	2.17	0.000	0.326	0.947	0.945	0.9326	0.9326	0.9367	0.9367	0.9392	******
2884	0.894	1.46	3.64	2.49	0.000	0.280	0.948	0.965	0.9412	0.9412	0.9445	0.9445	0.9466	******
2885	0.893	1.46	4.25	2.87	0.000	0.241	0.949	0.966	0.9400	0.9400	0.9427	0.9427	0.9445	******
2886	0.896	1.49	2.56	1.72	0.000	0.398	0.942	0.853	0.9131	0.9131	0.9190	0.9190	0.9221	******
2887	0.356	1.48	1.82	1.23	0.000	0.555	0.943	0.766	0.9758	0.9758	0.9779	0.9779	0.9804	******
2888	0.358	1.45	2.11	1.46	0.000	0.478	0.945	0.848	0.9756	0.9756	0.9771	0.9771	0.9804	******
2889	0.358	1.46	2.49	1.70	0.000	0.405	0.947	0.886	0.9814	0.9814	0.9825	0.9825	0.9857	******
2890	0.359	1.48	3.11	2.10	0.000	0.324	0.950	0.953	0.9774	0.9774	0.9782	0.9782	0.9807	******
2891	0.358	1.46	3.60	2.46	0.000	0.280	0.950	0.966	0.9702	0.9702	0.9709	0.9709	0.9730	******
2892	0.361	1.47	3.89	2.65	0.000	0.259	0.952	0.970	0.9716	0.9716	0.9722	0.9722	0.9742	******
2893	0.358	1.46	2.51	1.72	0.000	0.402	0.949	0.886	0.9810	0.9810	0.9821	0.9821	0.9853	******

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/15/79 23:40:35.189 FAC RX6X1 PGM C034 RDG 2873

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.478	1.0100	0.54392	0.80133	0.72200
37	14.713	1.0263	0.55274	0.81432	0.82000
47	14.708	1.0260	0.55255	0.81404	0.91900
52	14.753	1.0291	0.55424	0.81653	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.307	1.0674	0.57506	0.84721	0.47200
67	14.179	0.98908	0.53267	0.78475	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.364	1.0020	0.53961	0.79497	0.56400
82	14.374	1.0027	0.53998	0.79552	0.63500
92	16.156	1.1270	0.60695	0.89419	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.274	0.99570	0.53623	0.79000	-1.0000
-112	14.269	0.99535	0.53604	0.78972	-1.0000
-122	14.264	0.99500	0.53586	0.78944	-1.0000
-127	14.259	0.99465	0.53567	0.78917	-1.0000
-137	14.319	0.99883	0.53792	0.79248	-1.0000
-142	14.324	0.99918	0.53811	0.79276	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.274	0.99570	0.53623	0.79000	0.31900
112	14.269	0.99535	0.53604	0.78972	0.34000
122	14.264	0.99500	0.53586	0.78944	0.38600
127	14.259	0.99465	0.53567	0.78917	0.43400
137	14.319	0.99883	0.53792	0.79248	0.46100
142	14.324	0.99918	0.53811	0.79276	1.0000
152	14.319	0.99883	0.53792	0.79248	1.0000
157	14.324	0.99918	0.53811	0.79276	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.319	0.99883	0.53792	0.79248	-1.0000
-157	14.324	0.99918	0.53811	0.79276	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.324	0.99918	0.53811	0.79276	0.79300
172	13.684	0.95459	0.51409	0.75738	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.579	0.94658	0.50978	0.75103	0.79300
187	14.319	0.99883	0.53792	0.79248	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/15/79 23:41:15.169 FAC 8X6X1 PGM C034 RDG 2874

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.711	1.0266	0.47691	0.69425	0.72200
37	15.031	1.0489	0.48727	0.70933	0.82000
47	14.996	1.0465	0.48613	0.70768	0.91900
52	15.096	1.0534	0.48937	0.71239	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.489	1.1506	0.53453	0.77813	0.42200
67	14.182	0.98968	0.45975	0.66927	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.392	1.0043	0.46655	0.67917	0.56400
82	14.262	0.99525	0.46234	0.67304	0.63500
92	16.209	1.1311	0.52546	0.76493	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.247	0.99421	0.46185	0.67234	-1.0000
-112	14.242	0.99386	0.46169	0.67210	-1.0000
-122	14.237	0.99351	0.46153	0.67186	-1.0000
-127	14.237	0.99351	0.46153	0.67186	-1.0000
-137	14.312	0.99874	0.46396	0.67540	-1.0000
-142	14.317	0.99908	0.46412	0.67563	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.247	0.99421	0.46185	0.67234	0.31900
112	14.242	0.99386	0.46169	0.67210	0.34000
122	14.237	0.99351	0.46153	0.67186	0.38600
127	14.237	0.99351	0.46153	0.67186	0.43403
137	14.312	0.99874	0.46396	0.67540	0.46100
-142	14.317	0.99908	0.46412	0.67563	-1.0000
-152	14.312	0.99874	0.46396	0.67540	-1.0000
-147	14.307	0.99839	0.46380	0.67516	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.312	0.99874	0.46396	0.67540	-1.0000
-147	14.307	0.99839	0.46380	0.67516	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.312	0.99874	0.46396	0.67540	0.79300
172	13.593	0.94856	0.44065	0.64147	0.84400

>ADDITIONAL PRESSURE RATIOS , 60 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.453	0.93880	0.43612	0.63487	0.79300
187	14.307	0.99839	0.46380	0.67516	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/15/79 23:41:55.561 FAC AX6X1 PGM C034 RDG 2875

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	15.385	1.0746	0.42199	0.61682	0.72200
37	14.921	1.0422	0.40926	0.59822	0.82000
47	15.555	1.0865	0.42665	0.62362	0.91900
52	15.435	1.0781	0.42336	0.61882	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	18.454	1.2890	0.50616	0.73985	0.42200
67	14.193	0.99132	0.38928	0.56901	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.324	0.93067	0.36546	0.53419	0.56400
82	12.985	0.90697	0.35616	0.52059	0.63500
92	16.314	1.1395	0.44745	0.65403	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.213	0.99272	0.38983	0.56981	-1.0000
-112	14.203	0.99202	0.38956	0.56941	-1.0000
-122	14.213	0.99272	0.38983	0.56981	-1.0000
-127	14.213	0.99272	0.38983	0.56981	-1.0000
-137	14.293	0.99829	0.39202	0.57301	-1.0000
-142	14.298	0.99864	0.39216	0.57321	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.213	0.99272	0.38983	0.56981	0.31900
112	14.203	0.99202	0.38956	0.56941	0.34000
122	14.213	0.99272	0.38983	0.56981	0.38600
127	14.213	0.99272	0.38983	0.56981	0.43400
137	14.293	0.99829	0.39202	0.57301	0.46100
-142	14.298	0.99864	0.39216	0.57321	-1.0000
-152	14.298	0.99864	0.39216	0.57321	-1.0000
-157	14.298	0.99864	0.39216	0.57321	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE EXAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.298	0.99864	0.39216	0.57321	-1.0000
-157	14.298	0.99864	0.39216	0.57321	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.293	0.99829	0.39202	0.57301	0.79300
172	13.454	0.93973	0.36902	0.53940	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.329	0.93102	0.36560	0.53439	0.79300
187	14.293	0.99829	0.39202	0.57301	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 45.

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/15/79 23:42:46.059 FAC BX6X1 PGM C034 PDG 2876

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	14.355	1.0033	0.31760	0.47218	0.72200
37	17.851	1.2477	0.39495	0.58717	0.82000
47	14.640	1.0232	0.32390	0.48154	0.91900
52	11.867	0.82944	0.26256	0.39035	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	20.458	1.4299	0.45263	0.67292	0.42200
67	14.215	0.99354	0.31451	0.46758	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.526	0.94536	0.29926	0.44490	0.56400
82	9.5737	0.66914	0.21182	0.31491	0.63500
92	16.378	1.1447	0.36236	0.53871	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.190	0.99179	0.31396	0.46675	-1.0000
-112	14.175	0.99075	0.31363	0.46626	-1.0000
-122	14.185	0.99145	0.31385	0.46659	-1.0000
-127	14.185	0.99145	0.31386	0.46659	-1.0000
-137	14.295	0.99913	0.31628	0.47021	-1.0000
-142	14.290	0.99878	0.31617	0.47004	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.190	0.99179	0.31396	0.46675	0.31900
112	14.175	0.99075	0.31363	0.46626	0.34000
122	14.185	0.99145	0.31385	0.46659	0.38600
127	14.185	0.99145	0.31385	0.46659	0.43400
137	14.295	0.99913	0.31628	0.47021	0.46100
-142	14.290	0.99878	0.31617	0.47004	-1.0000
-152	14.285	0.99843	0.31606	0.46988	-1.0000
-157	14.285	0.99843	0.31606	0.46988	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.285	0.99843	0.31606	0.46988	-1.0000
-157	14.285	0.99843	0.31606	0.46988	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.285	0.99843	0.31606	0.46988	0.79300
172	13.341	0.93244	0.29517	0.43882	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	13.241	0.92546	0.29296	0.43554	0.79300
187	14.290	0.99878	0.31617	0.47004	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/15/79 23:43:50.251 FAC 8X6X1 PGM C034 RDG 2877

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	9.7486	0.68188	0.18625	0.27383	0.72200
37	16.018	1.1204	0.30603	0.44994	0.82000
47	19.564	1.3684	0.37377	0.54954	0.91900
52	16.582	1.1599	0.31681	0.46579	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	23.804	1.6720	0.45669	0.67145	0.42200
67	14.240	0.99604	0.27206	0.40000	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.105	0.98660	0.26948	0.39621	0.56400
82	7.1395	0.49939	0.13640	0.20055	0.63500
92	16.293	1.1396	0.31128	0.45766	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.150	0.98975	0.27034	0.39747	-1.0000
-112	14.145	0.98940	0.27025	0.39733	-1.0000
-122	14.145	0.98941	0.27025	0.39733	-1.0000
-127	14.150	0.98975	0.27034	0.39747	-1.0000
-137	14.275	0.99848	0.27273	0.40098	-1.0000
-142	14.275	0.99848	0.27273	0.40098	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.150	0.98975	0.27034	0.39747	0.31900
112	14.145	0.98940	0.27025	0.39733	0.34000
122	14.145	0.98940	0.27025	0.39733	0.38600
127	14.150	0.98975	0.27034	0.39747	0.43400
137	14.275	0.99848	0.27273	0.40098	0.46100
-142	14.275	0.99848	0.27273	0.40098	1.0000
-152	14.275	0.99848	0.27273	0.40098	1.0000
-157	14.270	0.99813	0.27263	0.40084	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.275	0.99848	0.27273	0.40098	-1.0000
-157	14.270	0.99813	0.27263	0.40084	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.270	0.99813	0.27263	0.40084	0.79300
172	12.761	0.89262	0.24381	0.35846	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.791	0.89471	0.24438	0.35930	0.79300
187	14.270	0.99813	0.27263	0.40084	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/15/79 23:45:03.119 FAC 8X6X1 PGM C034 RDG 2878

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	17.799	0.75581	0.18471	0.27233	0.72200
37	14.393	0.98649	0.24108	0.35544	0.82000
47	15.732	1.1151	0.27250	0.40177	0.91900
52	19.621	1.3733	0.33560	0.49480	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.646	1.8649	0.45574	0.67193	0.42200
67	14.320	1.0022	0.24492	0.36110	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.519	1.0162	0.24834	0.36614	0.58400
82	7.9319	0.55513	0.13566	0.20002	0.63500
92	16.222	1.1353	0.27746	0.40907	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.125	0.98858	0.24159	0.35619	-1.0000
-112	14.120	0.98823	0.24151	0.35607	-1.0000
-122	14.125	0.98858	0.24159	0.35619	-1.0000
-127	14.130	0.98892	0.24168	0.35632	-1.0000
-137	14.260	0.99801	0.24390	0.35959	-1.0000
-142	14.260	0.99801	0.24390	0.35959	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.125	0.98858	0.24159	0.35619	0.31900
112	14.120	0.98823	0.24151	0.35607	0.34000
122	14.125	0.98858	0.24159	0.35619	0.38600
127	14.130	0.98892	0.24168	0.35632	0.43400
137	14.260	0.99801	0.24390	0.35959	0.46100
142	14.260	0.99801	0.24390	0.35959	-1.0000
152	14.260	0.99801	0.24390	0.35959	-1.0000
157	14.260	0.99801	0.24390	0.35959	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	14.260	0.99801	0.24390	0.35959	-1.0000
-157	14.260	0.99801	0.24390	0.35959	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.260	0.99801	0.24390	0.35959	0.79300
172	12.687	0.88793	0.21700	0.31993	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.817	0.89702	0.21922	0.32320	0.79300
187	14.260	0.99801	0.24390	0.35959	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/15/79 23:46:40.072 FAC AX6XI PGM C034 PDG 2879

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	15.461	1.0502	0.42365	0.62073	0.72200
37	14.961	1.0454	0.40996	0.60068	0.82000
47	15.591	1.0893	0.42721	0.62594	0.91900
52	15.416	1.0771	0.42242	0.61892	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	18.497	1.2924	0.50683	0.74261	0.42200
67	14.337	1.0017	0.39286	0.57562	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	13.308	0.92986	0.36467	0.53431	0.56400
82	12.879	0.89985	0.35290	0.51707	0.63500
92	16.170	1.1298	0.44308	0.64919	0.69200

>ADDITIONAL PRESSURE RATIOS , FJECTOR STROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	14.217	0.99337	0.38958	0.57081	-1.0000
-112	14.217	0.99337	0.38958	0.57081	-1.0000
-122	14.217	0.99337	0.38958	0.57081	-1.0000
-127	14.212	0.99302	0.38944	0.57060	-1.0000
-137	14.302	0.99930	0.39190	0.57421	-1.0000
-147	14.302	0.99930	0.39190	0.57421	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORERODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	14.217	0.99337	0.38958	0.57081	0.31900
112	14.217	0.99337	0.38958	0.57081	0.34000
122	14.217	0.99337	0.38958	0.57081	0.38600
127	14.212	0.99302	0.38944	0.57060	0.43400
137	14.302	0.99930	0.39190	0.57421	0.46100
142	14.302	0.99930	0.39193	0.57421	1.0000
152	14.337	0.99965	0.39204	0.57441	1.0000
157	14.302	0.99930	0.39190	0.57421	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	14.307	0.99965	0.39204	0.57441	-1.0000
-157	14.302	0.99930	0.39190	0.57421	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	14.302	0.99930	0.39190	0.57421	0.79300
172	13.488	0.94242	0.36960	0.54153	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	13.338	0.93195	0.36549	0.53552	0.79300
187	14.337	0.99965	0.39204	0.57441	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDETT REC 12/16/79 00:28:33.166 FAC 8X6X1 PGM C034 RDG 2880

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.797	1.1633	0.62868	0.92962	0.72200
37	11.847	1.1682	0.63135	0.93356	0.82000
47	11.837	1.1672	0.63082	0.93277	0.91900
52	11.847	1.1682	0.63135	0.93356	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	11.957	1.1791	0.63721	0.94223	0.42200
67	14.696	1.4492	0.78319	1.1581	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.422	1.0277	0.55541	0.82127	0.56400
82	11.382	1.1224	0.60657	0.89692	0.63500
92	15.736	1.5517	0.83860	1.2400	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.2267	0.90986	0.49172	0.72709	-1.0000
-112	9.4318	0.93008	0.50265	0.74325	-1.0000
-122	9.5668	0.94339	0.50984	0.75389	-1.0000
-127	9.6918	0.95572	0.51650	0.76374	-1.0000
-137	10.267	1.0124	0.54715	0.80906	-1.0000
-142	10.272	1.0129	0.54742	0.80945	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.2267	0.90986	0.49172	0.72709	0.31900
112	9.4318	0.93008	0.50265	0.74325	0.34000
122	9.5668	0.94339	0.50984	0.75389	0.38600
127	9.6918	0.95572	0.51650	0.76374	0.43400
137	10.267	1.0124	0.54715	0.80906	0.46100
-142	10.272	1.0129	0.54742	0.80945	-1.0000
-152	10.267	1.0124	0.54715	0.80906	-1.0000
-157	10.272	1.0129	0.54742	0.80945	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.267	1.0124	0.54715	0.80906	-1.0000
-157	10.272	1.0129	0.54742	0.80945	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.277	1.0134	0.54768	0.80985	0.79300
172	11.297	1.1140	0.60204	0.89023	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.362	1.1204	0.60550	0.89535	0.79300
187	10.277	1.0134	0.54768	0.80985	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 00:29:[illegible] FAC 8X6X1 PGM C034 RDG 2881

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.139	1.1984	0.55550	0.82616	0.72200
37	12.314	1.2156	0.56349	0.83804	0.82000
47	12.289	1.2132	0.56236	0.83634	0.91900
52	12.319	1.2161	0.56372	0.83838	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	12.718	1.2555	0.58198	0.86554	0.42200
67	14.648	1.4460	0.67029	0.99688	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.808	1.0669	0.49456	0.73552	0.56400
82	11.631	1.1482	0.53222	0.79154	0.63500
92	15.625	1.5425	0.71502	1.0634	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.4358	0.93149	0.43178	0.64216	-1.0000
-112	9.6054	0.94823	0.43954	0.65370	-1.0000
-122	9.6054	0.94823	0.43954	0.65370	-1.0000
-127	9.7401	0.96153	0.44571	0.66287	-1.0000
-137	10.269	1.0137	0.46991	0.69886	-1.0000
-142	10.269	1.0137	0.46991	0.69886	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.4358	0.93149	0.43178	0.64216	0.31900
112	9.6054	0.94823	0.43954	0.65370	0.34000
122	9.6054	0.94823	0.43954	0.65370	0.38600
127	9.7401	0.96153	0.44571	0.66287	0.43400
137	10.269	1.0137	0.46991	0.69886	0.46100
142	10.269	1.0137	0.46991	0.69886	1.0000
152	10.264	1.0132	0.46968	0.69852	1.0000
157	10.269	1.0137	0.46991	0.69886	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.264	1.0132	0.46968	0.69852	-1.0000
-157	10.269	1.0137	0.46991	0.69886	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.259	1.0127	0.46945	0.69818	0.79300
172	11.496	1.1349	0.52606	0.78237	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.376	1.1231	0.52058	0.77423	0.79300
187	10.259	1.0127	0.46945	0.69818	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 00:30:27.784 FAC RX6X1 PGM C034 RDG 2882

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	12.588	1.2372	0.48665	0.71811	0.72200
37	12.883	1.2662	0.49805	0.73493	0.82000
47	12.858	1.2637	0.49708	0.73350	0.91900
52	12.948	1.2726	0.50056	0.73864	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	13.868	1.3629	0.53611	0.79109	0.42200
67	14.672	1.4420	0.56721	0.83699	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	9.3041	0.91442	0.35968	0.53075	0.56400
82	13.503	1.3271	0.52200	0.77028	0.63500
92	15.592	1.5324	0.60275	0.88944	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.4741	0.93112	0.36625	0.54045	-1.0000
-112	9.6141	0.94488	0.37166	0.54844	-1.0000
-122	9.7691	0.96011	0.37765	0.55728	-1.0000
-127	9.8240	0.96552	0.37978	0.56041	-1.0000
-137	10.294	1.0117	0.39795	0.58722	-1.0000
-142	10.299	1.0122	0.39814	0.58751	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.4741	0.93112	0.36625	0.54045	0.31900
112	9.6141	0.94488	0.37166	0.54844	0.34000
122	9.7691	0.96011	0.37765	0.55728	0.38600
127	9.8240	0.96552	0.37978	0.56041	0.43400
137	10.294	1.0117	0.39795	0.58722	0.46100
-142	10.299	1.0122	0.39814	0.58751	-1.0000
-152	10.294	1.0117	0.39795	0.58722	-1.0000
-157	10.294	1.0117	0.39795	0.58722	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE REAR

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.294	1.0117	0.39795	0.58722	-1.0000
-157	10.294	1.0117	0.39795	0.58722	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.294	1.0117	0.39795	0.58722	0.79300
172	11.724	1.1522	0.45322	0.66878	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.444	1.1247	0.44240	0.65281	0.79300
187	10.299	1.0122	0.39814	0.58751	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 00:31:28.144 FAC AX6X1 PGM CQ34 RDG 2883

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	11.743	1.1594	0.36842	0.53386	0.72200
37	13.692	1.3518	0.42957	0.62247	0.82000
47	13.592	1.3420	0.42645	0.61794	0.91900
52	13.837	1.3661	0.43411	0.62904	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	15.187	1.4995	0.47649	0.69045	0.42200
67	14.654	1.4468	0.45976	0.66621	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	9.4942	0.93737	0.29787	0.43163	0.56400
82	11.334	1.1190	0.35560	0.51527	0.63500
92	15.486	1.5290	0.48587	0.70405	0.69200

~~>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.4942	0.93737	0.29787	0.43163	-1.0000
-112	9.6987	0.95756	0.30428	0.44092	-1.0000
-122	9.8134	0.96888	0.30788	0.44613	-1.0000
-127	9.8782	0.97528	0.30992	0.44908	-1.0000
-137	10.272	1.0142	0.32228	0.46699	-1.0000
-142	10.272	1.0142	0.32228	0.46699	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.4942	0.93737	0.29787	0.43163	0.31900
112	9.6987	0.95756	0.30428	0.44092	0.34000
122	9.8134	0.96888	0.30788	0.44613	0.38600
127	9.8782	0.97528	0.30992	0.44908	0.43400
137	10.272	1.0142	0.32228	0.46699	0.46100
~~142~~	~~10.272~~	~~1.0142~~	~~0.32228~~	~~0.46699~~	~~-1.0000~~
~~152~~	~~10.277~~	~~1.0147~~	~~0.32243~~	~~0.46722~~	~~-1.0000~~
~~157~~	~~10.277~~	~~1.0147~~	~~0.32243~~	~~0.46722~~	~~-1.0000~~

~~>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG~~

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.277	1.0147	0.32243	0.46722	-1.0000
-157	10.277	1.0147	0.32243	0.46722	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.277	1.0147	0.32243	0.46722	0.79300
172	12.027	1.1875	0.37734	0.54678	0.84400

>ADDITIONAL PRESSURE RATIOS , 90 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.718	1.1569	0.36764	0.53273	0.79300
187	10.782	1.0152	0.32255	0.46744	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 00:32:31.659 FAC 8X6X1 PGM C034 RDG 2884

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.6047	0.74933	0.20561	0.30061	0.72200
37	14.674	1.4459	0.39675	0.58004	0.82000
47	14.704	1.4488	0.39756	0.58123	0.91900
52	14.654	1.4241	0.39251	0.57531	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.954	1.6706	0.45841	0.67019	0.42200
67	14.699	1.4483	0.39742	0.58103	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.017	0.98699	0.27083	0.39595	0.56400
82	10.511	1.0357	0.28419	0.41549	0.63500
92	15.432	1.5206	0.41726	0.61003	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.5323	0.93927	0.25773	0.37681	-1.0000
-112	9.6971	0.95550	0.26219	0.38332	-1.0000
-122	9.8419	0.96977	0.26610	0.38904	-1.0000
-127	9.9118	0.97666	0.26798	0.39181	-1.0000
-137	10.276	1.0126	0.27785	0.40621	-1.0000
-142	10.281	1.0131	0.27798	0.40641	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.5323	0.93927	0.25773	0.37681	0.31900
112	9.6971	0.95550	0.26219	0.38332	0.34000
122	9.8419	0.96977	0.26610	0.38904	0.38600
127	9.9118	0.97666	0.26798	0.39181	0.43400
137	10.276	1.0126	0.27785	0.40621	0.46100
142	10.281	1.0131	0.27798	0.40641	1.0000
152	10.281	1.0131	0.27798	0.40641	-1.0000
147	10.286	1.0136	0.27812	0.40661	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
152	10.281	1.0131	0.27798	0.40641	-1.0000
147	10.286	1.0136	0.27812	0.40661	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.286	1.0136	0.27812	0.40661	0.79300
172	12.238	1.2059	0.33089	0.48377	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	11.989	1.1813	0.32415	0.47390	0.79300
187	10.286	1.0136	0.27812	0.40661	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 00:33:58.656 FAC 8X6X1 PGM C034 RDG 2885

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	7.7994	0.76900	0.18082	0.26781	0.72200
37	16.941	1.6704	0.39276	0.58171	0.82000
47	14.754	1.4547	0.34204	0.50659	0.91900
52	15.212	1.4999	0.35267	0.52234	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	19.498	1.9224	0.45202	0.66948	0.42200
67	14.709	1.4503	0.34109	0.50505	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	10.382	1.0237	0.24070	0.35650	0.56400
82	5.8391	0.57572	0.13537	0.20049	0.63500
92	15.302	1.5087	0.35475	0.52542	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	9.5398	0.94060	0.22117	0.32757	-1.0000
-112	9.7542	0.96174	0.22614	0.33493	-1.0000
-122	9.8938	0.97550	0.22937	0.33972	-1.0000
-127	9.9836	0.98435	0.23145	0.34280	-1.0000
-137	10.293	1.0148	0.23862	0.35342	-1.0000
-142	10.288	1.0143	0.23850	0.35324	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	9.5398	0.94060	0.22117	0.32757	0.31900
112	9.7542	0.96174	0.22614	0.33493	0.34000
122	9.8938	0.97550	0.22937	0.33972	0.38600
127	9.9836	0.98435	0.23145	0.34280	0.43400
137	10.293	1.0148	0.23862	0.35342	0.46100
-142	10.288	1.0143	0.23850	0.35324	-1.0000
-152	10.283	1.0138	0.23839	0.35307	-1.0000
-157	10.278	1.0134	0.23827	0.35290	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	10.283	1.0138	0.23839	0.35307	-1.0000
-157	10.278	1.0134	0.23827	0.35290	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	10.278	1.0134	0.23827	0.35290	0.79300
172	12.576	1.2399	0.29155	0.43181	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	12.361	1.2188	0.28658	0.42445	0.79300
187	10.283	1.0138	0.23839	0.35307	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

ORIGINAL PAGE IS OF POOR QUALITY

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/16/79 00:35:49.994 FAC RX6X1 PGM C034 RDG 2886

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
32	12.559	1.2400	0.48354	0.72033	0.72200
37	12.854	1.2691	0.49489	0.73725	0.82000
47	12.829	1.2666	0.49393	0.73582	0.91900
52	12.924	1.2760	0.49759	0.74127	1.0000

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
62	13.868	1.3693	0.53397	0.79546	0.42200
67	14.728	1.4542	0.56707	0.84477	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
77	9.2535	0.91363	0.35628	0.53076	0.56400
82	13.413	1.3244	0.51645	0.76937	0.63500
92	15.258	1.5065	0.58747	0.87516	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-107	9.4085	0.92893	0.36225	0.53965	-1.0000
-112	9.6035	0.94819	0.36976	0.55084	-1.0000
-122	9.7086	0.95856	0.37380	0.55686	-1.0000
-127	9.7786	0.96547	0.37650	0.56088	-1.0000
-137	10.264	1.0134	0.39518	0.58870	-1.0000
-142	10.264	1.0134	0.39518	0.58870	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
107	9.4085	0.92893	0.36225	0.53965	0.31900
112	9.6035	0.94819	0.36976	0.55084	0.34000
122	9.7086	0.95856	0.37380	0.55686	0.38600
127	9.7786	0.96547	0.37650	0.56088	0.43400
137	10.264	1.0134	0.39518	0.58870	0.46100
-142	10.	1.0134	0.39518	0.58870	-1.0000
-162	10.2	1.0134	0.39518	0.58870	-1.0000
-167	10.24	1.0128	0.39498	0.58841	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
-152	10.264	1.0134	0.39518	0.58870	-1.0000
-157	10.259	1.0129	0.39498	0.58841	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
167	10.259	1.0129	0.39498	0.58841	0.79300
172	11.684	1.1536	0.44985	0.67015	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PD	PL/PTF	PL/PTP	X/DMAX
182	11.404	1.1259	0.43907	0.65409	0.79300
187	10.259	1.0129	0.39498	0.58841	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/16/79 21:03:00.131 FAC 8X6X1 PGM CQ34 RDC 2887

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.040	1.0657	0.58617	0.86469	0.72200
37	16.184	1.0753	0.59146	0.87250	0.82300
47	16.149	1.0730	0.59019	0.87061	0.91900
52	16.139	1.0723	0.58982	0.87007	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	16.624	1.1045	0.60752	0.89618	0.42200
67	14.606	0.97046	0.53380	0.78743	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	15.246	1.0129	0.55716	0.82189	0.56400
82	15.800	1.0498	0.57741	0.85177	0.63500
92	15.041	0.99933	0.54967	0.81085	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTER SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.606	0.97046	0.53380	0.78743	-1.0000
-112	14.561	0.96747	0.53215	0.78501	-1.0000
-122	14.801	0.98340	0.54091	0.79793	-1.0000
-127	14.891	0.98937	0.54420	0.80277	-1.0000
-137	15.091	1.0026	0.55150	0.81354	-1.0000
-142	15.091	1.0026	0.55150	0.81354	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.606	0.97046	0.53380	0.78743	0.31900
112	14.561	0.96747	0.53215	0.78501	0.34000
122	14.801	0.98340	0.54091	0.79793	0.38600
127	14.891	0.98937	0.54420	0.80277	0.43400
137	15.091	1.0026	0.55150	0.81354	0.46100
-142	15.091	1.0026	0.55150	0.81354	-1.0000
-152	15.096	1.0030	0.55168	0.81381	-1.0000
-157	15.091	1.0026	0.55155	0.81354	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.096	1.0030	0.55168	0.81381	-1.0000
-157	15.091	1.0026	0.55150	0.81354	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.096	1.0030	0.55168	0.81381	0.79300
172	15.271	1.0146	0.55807	0.82323	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.445	1.0262	0.56446	0.83266	0.79300
187	15.096	1.0030	0.55168	0.81381	0.84400

>OPTION 5 , MEASURED ...AUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/16/79 01:04:09.111 FAC 8X6X1 PGM C034 RDC 2888

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	16.231	1.0794	0.51077	0.74166	0.72200
37	16.546	1.1003	0.52067	0.75604	0.82000
47	16.496	1.0970	0.51910	0.75375	0.91900
52	16.541	1.1000	0.52052	0.75581	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	17.674	1.1754	0.55619	0.80761	0.42200
67	14.603	0.97111	0.45953	0.66726	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	15.652	1.0409	0.49254	0.71519	0.56400
82	15.627	1.0392	0.49175	0.71404	0.63500
92	15.027	0.99934	0.47289	0.68666	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.603	0.97111	0.45953	0.66726	-1.0000
-112	14.548	0.96745	0.45780	0.66474	-1.0000
-122	14.783	0.98306	0.46519	0.67547	-1.0000
-127	14.868	0.98871	0.46786	0.67935	-1.0000
-137	15.072	1.0023	0.47431	0.68871	-1.0000
-142	15.072	1.0023	0.47431	0.68871	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.603	0.97111	0.45953	0.66726	0.31900
112	14.548	0.96745	0.45780	0.66474	0.34000
122	14.783	0.98306	0.46519	0.67547	0.38600
127	14.868	0.98871	0.46786	0.67935	0.43400
137	15.072	1.0023	0.47431	0.68871	0.46100
142	15.072	1.0023	0.47431	0.68871	1.0000
52	15.067	1.0020	0.47415	0.68848	1.0000
157	15.072	1.0023	0.47431	0.68871	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	15.067	1.0020	0.47415	0.68848	-1.0000
-157	15.072	1.0023	0.47431	0.68871	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	15.077	1.0027	0.47446	0.68894	0.79300
172	15.272	1.0156	0.48059	0.69784	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	15.447	1.0272	0.48609	0.70583	0.79300
187	15.077	1.0027	0.47446	0.68894	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFII REC 12/16/79 01:05:02.762 FAC 8X6X1 PGM C034 RUG 2889

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.615	1.1061	0.44353	0.64887	0.72200
37	16.955	1.1287	0.45259	0.66213	0.82000
47	16.920	1.1264	0.45166	0.66077	0.91900
52	17.044	1.1347	0.45499	0.66564	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	19.292	1.2843	0.51498	0.75340	0.42200
67	14.637	0.97446	0.39074	0.57164	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.308	0.95251	0.38194	0.55876	0.56400
82	16.021	1.0666	0.42766	0.62566	0.63500
92	15.037	1.0011	0.40140	0.58724	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.572	0.97014	0.38900	0.56910	-1.0000
-112	14.517	0.96648	0.38754	0.56696	-1.0000
-122	14.752	0.98211	0.39380	0.57612	-1.0000
-127	14.847	0.98842	0.39633	0.57983	-1.0000
-137	15.062	1.0027	0.40207	0.58822	-1.0000
-142	15.057	1.0024	0.40193	0.58802	-1.0000

>ADDITIONAL PRESSURE RATIOS , SUPERSONIC INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.572	0.97014	0.38900	0.56910	0.31900
112	14.517	0.96648	0.38754	0.56696	0.34000
122	14.752	0.98211	0.39380	0.57612	0.38600
127	14.847	0.98842	0.39633	0.57983	0.43400
137	15.062	1.0027	0.40207	0.58822	0.46100
142	15.057	1.0024	0.40193	0.58802	-1.0000
152	15.052	1.0021	0.40180	0.58783	-1.0000
157	15.062	1.0027	0.40207	0.58822	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.052	1.0021	0.40180	0.58783	-1.0000
-157	15.062	1.0027	0.40207	0.58822	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.067	1.0031	0.40220	0.58841	0.79300
172	15.247	1.0150	0.40700	0.59543	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.431	1.0273	0.41193	0.60265	0.79300
187	15.077	1.0037	0.40247	0.58880	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 01:05:58.152 FAC 8X6X1 PGM CQ34 RDG 2890

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.540	1.1034	0.35488	0.52629	0.72200
37	17.638	1.1767	0.37844	0.56124	0.82000
47	15.861	1.0581	0.34031	0.50469	0.91900
52	18.617	1.2420	0.39944	0.59238	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	21.652	1.4445	0.46456	0.68895	0.42200
67	14.673	0.97887	0.31481	0.46688	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	13.599	0.90725	0.29178	0.43272	0.56400
82	12.131	0.80930	0.26028	0.38600	0.63500
92	15.012	1.0015	0.32210	0.47768	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.543	0.97021	0.31203	0.46275	-1.0000
-112	14.493	0.96688	0.31096	0.46116	-1.0000
-122	14.728	0.98253	0.31599	0.46863	-1.0000
-127	14.832	0.98953	0.31824	0.47196	-1.0000
-137	15.012	1.0015	0.32210	0.47768	-1.0000
-142	15.007	1.0012	0.32199	0.47752	-1.0000

>ADDITIONAL PRESSURE RATIOS , FORECOV INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.543	0.97021	0.31203	0.46275	0.31900
112	14.493	0.96688	0.31096	0.46116	0.34000
122	14.728	0.98253	0.31599	0.46863	0.38600
127	14.832	0.98953	0.31824	0.47196	0.43400
137	15.012	1.0015	0.32210	0.47768	0.46100
-142	15.007	1.0012	0.32199	0.47752	1.6500
-152	15.017	1.0019	0.32221	0.47784	1.0000
-157	15.017	1.0019	0.32221	0.47784	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.017	1.0019	0.32221	0.47784	-1.0000
-157	15.017	1.0019	0.32221	0.47784	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.022	1.0022	0.32231	0.47800	0.79300
172	15.167	1.0118	0.32542	0.48261	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.402	1.0275	0.33045	0.49007	0.79300
187	15.017	1.0019	0.32221	0.47784	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDELL REC 12/16/79 01:07:10.319 FAC 8X6X1 PGM CQ34 RDG 2891

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
32	13.771	0.91930	0.25537	0.37399	0.72200
37	22.014	1.4695	0.40821	0.59783	0.82000
47	18.526	1.2367	0.34354	0.50312	0.91900
52	14.884	0.99358	0.27600	0.40421	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
62	24.728	1.6507	0.45854	0.67154	0.42200
67	14.720	0.99259	0.27295	0.39974	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
77	14.505	0.96827	0.26897	0.39391	0.56400
82	8.5753	0.57243	0.15901	0.23288	0.63500
92	14.979	0.99991	0.27776	0.40679	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-107	14.525	0.96960	0.26934	0.39446	-1.0000
-112	14.490	0.96727	0.26869	0.39351	-1.0000
-122	14.730	0.98326	0.27313	0.40001	-1.0000
-127	14.849	0.99125	0.27535	0.40326	-1.0000
-137	14.979	0.99991	0.27776	0.40679	-1.0000
-142	14.979	0.99991	0.27776	0.40679	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
107	14.525	0.96960	0.26934	0.39446	0.31900
112	14.490	0.96727	0.26869	0.39351	0.34000
122	14.730	0.98326	0.27313	0.40001	0.38600
127	14.849	0.99125	0.27535	0.40326	0.43400
137	14.979	0.99991	0.27776	0.40679	0.46100
-142	14.979	0.99991	0.27776	0.40679	-1.0000
-142	14.974	0.99958	0.27767	0.40665	-1.0000
-157	14.979	0.99991	0.27776	0.40679	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLAP

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
-152	14.974	0.99958	0.27767	0.40665	-1.0000
-157	14.979	0.99991	0.27776	0.40679	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
167	14.974	0.99958	0.27767	0.40665	0.79300
172	15.293	1.0209	0.28359	0.41532	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/P0	PL/PTF	PL/PTP	X/DMAX
182	15.453	1.0316	0.28655	0.41966	0.79300
187	14.979	0.99991	0.27776	0.40679	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDFIT REC 12/16/79 01:08:03.323 FAC 8X6X1 PGM C034 PDG 2892

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	10.727	0.71647	0.18420	0.27077	0.72200
37	18.816	1.2567	0.32310	0.47494	0.87000
47	22.231	1.4848	0.38174	0.56113	0.91900
52	18.102	1.2090	0.31084	0.45692	1.0170

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	26.589	1.7759	0.45658	0.67115	0.42200
67	14.807	0.98896	0.25426	0.37375	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.962	0.99930	0.25692	0.37766	0.56400
82	8.2196	0.54898	0.14114	0.20747	0.63500
92	14.977	1.0003	0.25718	0.37804	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.513	0.96928	0.24920	0.36632	-1.0000
-112	14.478	0.96695	0.24860	0.36543	-1.0000
-122	14.722	0.98329	0.25281	0.37161	-1.0000
-127	14.837	0.99096	0.25478	0.37451	-1.0000
-137	14.992	1.0013	0.25743	0.37842	-1.0000
-142	14.997	1.0016	0.25752	0.37854	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.513	0.96928	0.24920	0.36632	0.31900
112	14.478	0.96695	0.24860	0.36543	0.34000
122	14.722	0.98329	0.25281	0.37161	0.38600
127	14.837	0.99096	0.25478	0.37451	0.43400
137	14.992	1.0013	0.25743	0.37842	0.46100
-142	14.997	1.0016	0.25752	0.37854	-1.0000
-152	15.007	1.0023	0.25769	0.37879	-1.0000
-157	15.002	1.0020	0.25761	0.37867	-1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE FLOW

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.007	1.0023	0.25769	0.37879	-1.0000
-157	15.002	1.0020	0.25761	0.37867	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	14.997	1.0016	0.25752	0.37854	0.79300
172	15.002	1.0020	0.25761	0.37867	0.84400

>ADDITIONAL PRESSURE RATIOS , 40 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.257	1.0190	0.26198	0.38509	0.79300
187	15.002	1.0020	0.25761	0.37867	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

RUN 65

NASA-LEWIS PRELIMINARY DATA 06/26/79 CADDEII REC 12/16/79 01:09:06.729 FAC 8X6X1 PGM C034 RDG 2893

>ADDITIONAL PRESSURE RATIOS , PRIMARY PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
32	16.608	1.1081	0.44115	0.64587	0.72200
37	16.942	1.1304	0.45004	0.65888	0.82000
47	16.892	1.1264	0.44845	0.65655	0.91900
52	17.032	1.1364	0.45242	0.66237	1.0130

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER I.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
62	19.338	1.2902	0.51368	0.75206	0.42200
67	14.831	0.98548	0.39395	0.57676	0.69200

>ADDITIONAL PRESSURE RATIOS , FLOW SPLITTER O.D.

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
77	14.142	0.94352	0.37564	0.54996	0.56400
82	15.649	1.0441	0.41569	0.60860	0.63500
92	14.985	0.99981	0.39806	0.58277	0.69200

>ADDITIONAL PRESSURE RATIOS , EJECTOR SHROUD

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-107	14.536	0.96983	0.38612	0.56530	-1.0000
-112	14.491	0.96683	0.38493	0.56355	-1.0000
-122	14.716	0.98182	0.39090	0.57229	-1.0000
-127	14.806	0.98782	0.39328	0.57579	-1.0000
-137	15.015	1.0018	0.39885	0.58394	-1.0000
-142	15.020	1.0021	0.39898	0.58413	-1.0000

>ADDITIONAL PRESSURE RATIOS , FOREBODY INLET

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
107	14.536	0.96983	0.38612	0.56530	0.31900
112	14.491	0.96683	0.38493	0.56355	0.34000
122	14.716	0.98182	0.39090	0.57229	0.38600
127	14.806	0.98782	0.39328	0.57579	0.43400
137	15.015	1.0018	0.39885	0.58394	0.46100
142	15.020	1.0021	0.39898	0.58413	-1.0000
147	15.020	1.0021	0.39898	0.58413	1.0000
157	15.025	1.0025	0.39912	0.58433	1.0000

>ADDITIONAL PRESSURE RATIOS , FAN NOZZLE PLUG

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
-152	15.020	1.0021	0.39898	0.58413	-1.0000
-157	15.025	1.0025	0.39912	0.58433	-1.0000

>ADDITIONAL PRESSURE RATIOS , 20 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
167	15.020	1.0021	0.39898	0.58413	0.79300
172	15.205	1.0145	0.40389	0.59132	0.84400

>ADDITIONAL PRESSURE RATIOS , 80 DEG SHROUD LOCATION

AVD WORD	PL	PL/PO	PL/PTF	PL/PTP	X/DMAX
182	15.395	1.0271	0.40893	0.59869	0.79300
187	15.030	1.0028	0.39925	0.58452	0.84400

>OPTION 5 , MEASURED THRUST PARAMETERS

(ORIGINAL PAGE IS
OF POOR QUALITY